

EPA REGISTRATION NUMBER 71995-25 – VOLUME 1



United States
Environmental Protection Agency
 Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number
307592

Application for Pesticide – Section I

1. Company/Product Number Monsanto Company, Lawn & Garden Products 71995-25	2. EPA Product Manager James A. Tompkins	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Monsanto Company, Lawn & Garden Products; Roundup Weed & Grass Killer Super Concentrate	PM # 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company 1300 I (Eye)street, NW - Suite 450 East Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section – II

<input checked="" type="checkbox"/> Amendment – Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated	NOTIFICATION NOV 28 2005
<input type="checkbox"/> Resubmission in response to Agency letter dated	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification – Explain below.	<input type="checkbox"/> Other – Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.) REGULATORY.AFFAIRS@MONSANTO.COM
 Submission of final printed bi-lingual label

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section – III

1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)		
Certification must be submitted If "Yes" Unit Packaging wgt. No. per Container If "Yes" Package wgt. No. per Container					
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section – IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Russell P. Schneider, Ph.D.		Title Director, Regulatory Affairs		Telephone No. (Include Area Code) (202) 383-2866	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 		3. Title Registration Specialist			
4. Typed Name Tonya R. Staniforth		5. Date 08-Nov-2005			

MONSANTO



MONSANTO COMPANY

1300 I (EYE) STREET, NW
SUITE 450 EAST
WASHINGTON, D.C. 20005
PHONE (202) 383-2866
FAX (202) 789-1748
<http://www.monsanto.com>

November 08, 2005

Hand Delivered

Document Processing Center (NOTIF)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2,
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

Attention: Mr. Jim Tompkins (7505C)
Product Manager (Team 25)

Subject: **Reg. No. 71995-25: Notification of Label Text Changes and Submission of Revised Final Printed Label for Roundup Weed & Grass Killer Super Concentrate.**

Dear Mr. Tompkins:

Monsanto herein submits revised final printed labeling for *Roundup® Weed & Grass Killer Super Concentrate* (Reg. No. 71995-25), which is based upon the approved EPA Master Label dated 16 September 2004 and subsequent label notification dated 20 December 2004. Monsanto has also elected to provide labeling in both English and Spanish and we hereby certify that the Spanish text is an accurate translation of the English.

Enclosed are two (2) copies of the final printed label (PPN 21180D7-7 and 21180D8-8) for the Agency's files. Significant changes to the label are the following:

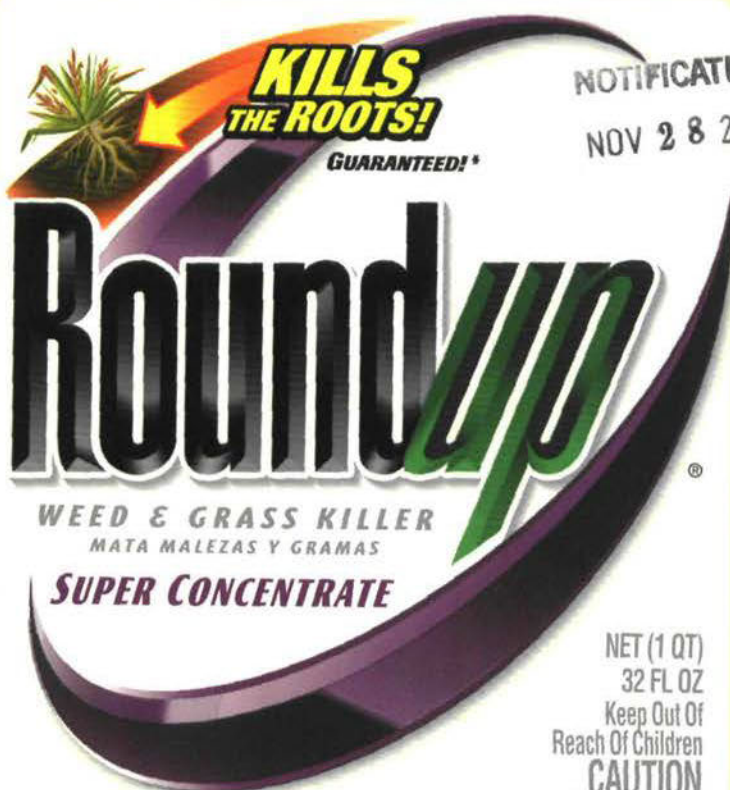
- Added the following non-efficacy claim to the front panel.
"Best Roundup Concentrate Value"
- Modified the **To Kill Vines** section as follows.
"If spraying regrowth, shield shrubs and tree trunks ~~green bark~~ from spray drift with a piece of cardboard or plastic."

Should you have any questions, please contact Dr. Russ Schneider at our Washington office (202) 383-2866, or me directly at (314) 694-3285 or tonya.r.staniforth@monsanto.com.

Sincerely,

Tonya R. Staniforth
Tonya R. Staniforth
Registration Specialist

cc: R. Schneider, Ph.D. / DC Office
T. Schafer
M. Brown
D. Hinton



 **Rainproof in 30 Minutes!**
 **Best Roundup Concentrate Value!**



PPK2118007-2

Active ingredient:
Glyphosate, isopropylamine salt ... 50.2%
Other ingredients ... 49.8%

NOTIFICATION
NOV 28 2005

NET (1 QT)
32 FL OZ
Keep Out Of
Reach Of Children
CAUTION

See back panel for additional
precautionary statements.

Mantener Fuera Del
Alcance De Los Niños

PRECAUCIÓN

Vea declaraciones adicionales de
precaución en el reverso del panel.



Weed & Grass Killer Super Concentrate

**OPEN
ABRA**

PRODUCT FACTS

Makes up to 21 Gallons. Treats up to 6,300 sq ft.

KILLS WEEDS



KILLS ALL TYPES OF WEEDS & GRASSES

HOW IT WORKS

Roundup® Super Concentrate enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found in plants. Any product not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

WHERE TO USE

- ✓ On patios, walkways, driveways, gravel or mulch beds
- ✓ Around fruits, vegetables, flowers, shrubs or trees

- ✓ Along fences
- ✓ In large areas
 - For lawn replacement
 - For garden plot preparation

AMOUNT TO USE

For best results
2-1/2 fl oz (5 Tbs) per gallon of water.
For easy to kill weeds such as seedlings add 1-1/2 fl oz (3 Tbs) to 1 gallon of water.



Questions, Comments or Information
Call 1-800-246-7219



www.roundup.com

Trusted Results for Guaranteed Satisfaction.*

This bottle contains an anti-theft device, either inside or on the back of the bottle. It does not affect Roundup's performance.

*Open booklet for details.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS

TANK SPRAYER

- (plastic, aluminum, fiberglass, plastic-lined steel, or stainless steel)
- Add 2-1/2 fl oz (5 Tbs) to 1 gallon of water.
 - Spot treat or spray evenly over 300 sq ft.

HOSE-END SPRAYER

- For large areas, consider using the ORTHO® Dial'n Spray®
- Set dial to 2-1/2 oz.
 - To sprayer jar add 2-1/2 oz (5 Tbs) for each 300 sq ft. **DO NOT** add water.
 - Spray evenly over measured area.
 - After spraying, unused product can be poured back into its original container.

1 Tablespoon (Tbs) = 3 teaspoons (tsp) 1 fl oz = 2 Tbs

For easy to kill weeds such as seedlings, add 1-1/2 fl oz (3 Tbs) to 1 gallon of water.
Do not apply with a galvanized or unlined steel (except stainless steel) sprayer or through any irrigation system.

HOW TO APPLY

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a piece of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

IMPORTANT

Do not spray plants or grasses you like - they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

WHEN TO APPLY

- Apply when weeds are actively growing.
- For best results, apply during warm, sunny weather (above 60° F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- **RAINPROOF Protection:** Rain or watering 30 minutes after application will NOT wash away effectiveness.
- If used to control weeds around fruit or nut trees, caneberries, or grapevines, allow 17 days before harvesting.

WHEN TO REPLANT

- All ornamental flowers, trees and shrubs may be planted **1 day after** application.
- Lawn grasses, herbs, vegetables (all), and fruits may be planted **3 days after** application.

HOW TO CLEAN SPRAYER

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

ADDITIONAL TIPS

TO KILL VINES

- If vines are growing up poles, fences or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
- If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and tree trunks from spray drift with a piece of cardboard or plastic.

TO KILL BAMBOO

- Cut canes close to the ground.
- Make cut just below a stem joint to create a hollow stem reservoir.
- Pour 1 Tbs of undiluted product into the hollow stem reservoir.
- Browning of the canes will occur in 7-14 days.
- Spray foliage if regrowth occurs.

TO KILL STUMPS

- Cut living stump close to ground.
- Drive 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

IMPORTANT

Some trees may share the same root system. Adjacent trees having a similar age, height and spacing may signal a shared roots system. Injury may occur to non-treated trees when one or more trees sharing common roots are treated.

FOR LAWN REPLACE-MENT

- Use Roundup to kill a lawn and weeds before planting a new lawn.
- Skip one mowing before spraying.
 - Use 2-1/2 fl oz (5 Tbs) per gallon of water for each 300 sq ft.
 - If soil is dry, water before application and 2 to 3 days after application.
 - If green patches remain after 7 days, reapply.
 - Wait at least 3 days after last application to rake, till or replant with seed or sod.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Store product in original container in a safe place away from direct sunlight.

DISPOSAL: If Empty: Do not reuse this container. Place in trash or offer for recycling if available.

If Partly Filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.



People and pets may enter treated areas after spray has dried.

FIRST AID

IF IN EYES

- Hold eye open and rinse slowly and gently for 15-20 minutes.
- Remove contact lenses, if present, after first 5 minutes, then continue rinsing.
- Call a poison control center, 1-800-246-7219, or doctor for treatment advice.

EMERGENCY MEDICAL INFORMATION

- Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
- You may contact 1-800-246-7219 for emergency medical treatment information.
- This product is identified as **Roundup Weed & Grass Killer Super Concentrate**, EPA Reg. No. 71995-25.

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

NO ROOT. NO WEED. NO PROBLEM.®

ROUNDUP FAMILY OF PRODUCTS

Visit the Roundup website to learn more about the Roundup family of products for the best solution to your toughest weed problems.



www.roundup.com

*CONSUMER GUARANTEE

If for any reason you are not satisfied after using this product, simply send us original proof of purchase and we will replace the product or refund the purchase price.



Mata Malezas Y Gramas Superconcentrado

Español

DATOS DEL PRODUCTO

Contiene hasta 21 galones. Trata hasta 6,300 pies cuadrados.

**ELIMINA
LAS MALEZAS**



ELIMINA TODO TIPO DE MALEZAS Y GRAMAS

**CÓMO
FUNCIONA**

El Roundup® Superconcentrado ingresa a las plantas a través del follaje y se traslada sistemáticamente a las raíces, eliminando a las malezas al detener la producción de una sustancia encontrada en las plantas. Los productos no absorbidos por las plantas se descomponen en sus sustancias naturales sin alterar la tierra para las plantas sin tratar. Las malezas comúnmente se marchitan y secan dentro del periodo de 2 a 4 días, y se produce la eliminación completa en 1 a 2 semanas.

**DÓNDE
USAR**

- ✓ Use en patios, senderos, entradas de garaje, lechos de grava o coberturas
- ✓ Alrededor de frutas, vegetales, flores, arbustos o árboles
- ✓ A lo largo de cercos
- ✓ En zonas grandes
 - Para reemplazar césped
 - Para preparar el jardín por zonas

**CANTIDAD QUE
SE DEBE USAR**

Para mejores resultados

2-1/2 onzas líquidas (5 cucharadas) por galón de agua.
Para eliminar fácilmente las malezas cuando son plántulas, agregue 1-1/2 onzas líquidas (3 cucharadas) a 1 galón de agua.



¿Preguntas, Comentarios o Información?
Llame al 1-800-246-7219



www.roundup.com

Resultados confiables y satisfacción garantizada.*

Este frasco contiene un dispositivo antiadulteración, dentro o en el reverso del frasco. No afecta el rendimiento del Roundup.

*Garantía para el consumidor: Si por algún motivo usted no queda satisfecho(a) luego de utilizar este producto, simplemente envíenos el comprobante de compra original y reemplazaremos el producto o reembolsaremos el precio de compra.

INSTRUCCIONES

Utilizar este producto de modo inconsistente con las declaraciones de su etiqueta constituye una violación de las leyes federales.

INSTRUCCIONES PARA LA MEZCLA

TANQUE ROCIADOR	(plástico, aluminio, fibra de vidrio, acero revestido con plástico o acero inoxidable) • Agregue 2-1/2 onzas líquidas (5 cucharadas) a 1 galón de agua. • Realice el tratamiento localizado o rocíe uniformemente en 300 pies cuadrados.
ROCIADOR CON MANGUERA	Para las zonas grandes, considere utilizar ORTHO® Dial'n Spray® • Ajuste el disco selector a 2-1/2 onzas. • Agregue al tanque del rociador 2-1/2 onzas líquidas (5 cucharadas) por cada 300 pies cuadrados. NO agregue agua. • Rocíe uniformemente en la zona medida. • Luego de rociar, se puede colocar nuevamente el producto no utilizado en el envase original.

1 cucharada (Tbs) = 3 cucharaditas (tsp)

1 onza líquida = 2 cucharadas

Para eliminar fácilmente las malezas cuando son plántulas, agregue 1-1/2 onzas líquidas (3 cucharadas) a 1 galón de agua. No aplique con un rociador de acero galvanizado o no revestido (salvo acero inoxidable) o a través de un sistema de riego.

CÓMO APLICAR	• Rocíe las malezas o gramas que desee eliminar hasta mojar completamente. • Cuando trate zonas específicas alrededor de plantas que desee conservar, proteja dichas plantas de la diseminación con una lámina de cartón o plástico. Si se rocía accidentalmente las plantas deseables, enjuague inmediatamente con agua.
IMPORTANTE	No rocíe en plantas o gramas que desee conservar, pues también pueden morir. No recomendado para el control localizado de malezas de césped pues el Roundup elimina el césped.
CUÁNDO APLICAR	• Aplique cuando las malezas crezcan activamente. • Para mejores resultados, aplique durante clima cálido y soleado (por encima de 60°F) para acelerar el movimiento sistémico desde las hojas hacia las raíces. • Aplique cuando el aire se encuentre calmo para evitar la diseminación a plantas que se desee conservar. • PROTECCIÓN A PRUEBA DE LLUVIA: La lluvia o el riego 30 minutos después de la aplicación NO eliminará su eficacia. • Si se usa para controlar las malezas alrededor de árboles frutales o de nuez, moras silvestres o parras, deje transcurrir 17 días antes de cosechar.
CUÁNDO REPLANTAR	• Todas las flores ornamentales, árboles y arbustos pueden plantarse 1 día después de la aplicación. • Se pueden plantar césped, hierbas, vegetales (de todo tipo) y plantas frutales 3 días después de la aplicación.
CÓMO LIMPIAR ATOMIZADOR	Para limpiar el rociador después de usar, enjuague con agua el rociador y todas sus piezas unas 3 veces. Rocíe el agua del enjuague en la tierra o grava descubiertos. Después de limpiar, se puede utilizar el rociador para otros productos.

CONSEJOS ADICIONALES

PARA ELIMINAR ENREDADERAS	• Si crecen enredaderas en postes, cercos o troncos con corteza madura, corte las enredaderas a una altura de 3 a 4 pies y rocíelas completamente. • Si las enredaderas trepan arbustos o troncos con corteza inmadura, corte las enredaderas en su base y trátelas como se indica para el tratado de tocónes o rocíe el rebrote. Cuando rocíe las plantas que vuelven a crecer, proteja los arbustos y las cortezas de árboles de la diseminación con una lámina de cartón o plástico.
PARA ELIMINAR EL BAMBÚ	• Corte las cañas casi a ras del piso. • Corte justo por debajo de un empalme del tallo para crear un reservorio hueco en el tallo. • Vierta 1 cucharada de producto no diluido en el reservorio hueco del tallo. • Las cañas de pondrán de color pardo en 7-14 días. • Rocíe el follaje si vuelve a crecer bambú.
PARA ELIMINAR LOS TOCÓNES	• Corte el tocón vivo casi a ras del piso. • Haga 4 a 5 agujeros en el tocón recién cortado. • Inmediatamente vierta el producto sin diluir en los agujeros.
IMPORTANTE	Algunos árboles pueden compartir el mismo sistema de raíces. Los árboles adyacentes que tengan una edad, altura y distancia similares pueden indicar la presencia de sistemas de raíces compartidas. Pueden ocurrir daños en los árboles no tratados cuando se tratan uno o más árboles que comparten raíces comunes.
PARA REEMPLAZAR EL CÉSPED	Use el Roundup para eliminar el césped y las malezas antes de plantar nuevo césped. • Deje pasar una poda antes de rociar. • Use 2-1/2 onzas líquidas (5 cucharadas) por galón de agua para cada 300 pies cuadrados. • Si la tierra está seca, riegue antes de aplicar y 2 a 3 días después de la aplicación. • Si siguen existiendo zonas verdes luego de 7 días, vuelva a aplicar. • Espere por lo menos 3 días luego de la última aplicación para pasar el rastrillo, labrar o volver a plantar con semillas o plántulas.

ALMACENAMIENTO Y ELIMINACIÓN

ALMACENAMIENTO DEL PLAGUICIDA: Guarde el producto en el envase original en un lugar seguro lejos de la luz directa del sol. **ELIMINACIÓN:** Si está vacío: No vuelva a utilizar este envase. Coloque en la basura u ofrezca para el reciclado si existe. Si se encuentra parcialmente lleno: Llame a su agencia local de desechos sólidos o al 1-800-CLEANUP para obtener instrucciones de eliminación. Nunca coloque el producto sin usar debajo de ningún drenaje interior o exterior.

DECLARACIONES DE PRECAUCIÓN

RIESGOS PARA LOS SERES HUMANOS Y ANIMALES DOMÉSTICOS

PRECAUCIÓN: Causa irritación moderada a los ojos. Evite el contacto con los ojos o la ropa. Lávese minuciosamente con jabón y agua después de manipular.



Las personas y las mascotas pueden ingresar a la zona tratada luego de que se seque el rociado.

PRIMEROS AUXILIOS

SI OCURRE CONTACTO CON LOS OJOS

- Mantenga el ojo abierto y enjuague lenta y suavemente durante 15 a 20 minutos.
- Retire los lentes de contacto, si hubiera, después de los primeros 5 minutos, luego continúe enjuagando.
- Llame a un centro de control de envenenamiento, 1-800-246-7219, o médico para obtener más consejos sobre tratamiento.

Información De Emergencia Médica

- Tenga consigo el envase o etiqueta del producto cuándo llame al centro de control de envenenamiento o al médico, o acuda al tratamiento.
- Puede llamar al 1-800-246-7219 para obtener información sobre el tratamiento médico.
- Este producto se ha identificado como **Roundup Mata Malezas Y Gramas Superconcentrado**, EPA Reg. No. 71995-25.

RIESGOS AMBIENTALES: No aplique directamente a ninguna masa de agua. No contamine el agua limpiando el equipo o eliminando las aguas con las que lavó el equipo.

ADVERTENCIA: El comprador asume toda responsabilidad de la seguridad y uso que no sea conforme con las instrucciones.



Weed & Grass Killer Super Concentrate
Mata Malezas Y Gramas Superconcentrado

ROUNDUP FAMILY OF PRODUCTS

Visit the Roundup website to learn more about the Roundup family of products for the best solution to your toughest weed problems.



FAMILIA DE PRODUCTOS ROUNDUP

Visite el sitio Web de Roundup para conocer más acerca de la familia de productos Roundup para encontrar la mejor solución para sus problemas de malezas más resistentes.



Questions, Comments or Information
1-800-246-7219

¿Preguntas, Comentarios o Información?



www.roundup.com

This product is protected by U.S. Patents No. 5,683,958; 5,703,015; 6,063,733; 6,121,199; 6,121,200. No license granted under any non-U.S. patent(s).

This is an end-use product. Monsanto does not intend and has not registered it for reformulation or repackaging.

Roundup, Roundup and design, and No Root, No Weed, No Problem, are registered trademarks of Monsanto Technology LLC.

©2005 MONSANTO COMPANY
Manufactured for
Monsanto Company, Lawn & Garden Products
P. O. Box 418, Marysville, OH 43041
PPN 2118008-8 (LB1185AG011)
EPA Reg. No. 71995-25
EPA Est. 239-1A-31, 58996-MD-1A
Superscript is first letter of lot number.

Made in USA



(LB1185AG011)



0 70183 50001 7

1031

Resealable Label for Directions & Precautions. La etiqueta resellable para instrucciones y declaraciones de precaución.

KILLS THE ROOTS!
GUARANTEED! *

Roundup®

WEED & GRASS KILLER
 MATA MALEZAS Y GRAMAS

SUPER CONCENTRATE

**NET (1 QT)
 32 FL OZ**
 Keep Out Of
 Reach Of Children
CAUTION
 See back panel for additional
 precautionary statements.

Rainproof in 30 Minutes!
**Best Roundup
 Concentrate Value!**

PRECAUCIÓN
 Vea declaraciones adicionales de
 precaución en el reverso del panel.

Active Ingredient:
 Glyphosate, isopropylamine salt... 50.2%
 Other Ingredients... 49.8%

PPN 2110007-7
 LPH100520

NOTIFICATION
 NOV 28 2005



Weed & Grass Killer Super Concentrate

**OPEN
ABRA**

PRODUCT FACTS

Makes up to 21 Gallons. Treats up to 6,300 sq ft.

KILLS WEEDS



KILLS ALL TYPES OF WEEDS & GRASSES

HOW IT WORKS

Roundup® Super Concentrate enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found in plants. Any product not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

WHERE TO USE

- ✓ On patios, walkways, driveways, gravel or mulch beds
- ✓ Around fruits, vegetables, flowers, shrubs or trees
- ✓ Along fences
- ✓ In large areas
 - For lawn replacement
 - For garden plot preparation

AMOUNT TO USE

For best results
2-1/2 fl oz (5 Tbs) per gallon of water.
For easy to kill weeds such as seedlings add 1-1/2 fl oz (3 Tbs) to 1 gallon of water.



Questions, Comments or Information
Call 1-800-246-7219



www.roundup.com

Trusted Results for Guaranteed Satisfaction.*

This bottle contains an anti-theft device, either inside or on the back of the bottle. It does not affect Roundup's performance.

*Open booklet for details.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS

TANK SPRAYER	(plastic, aluminum, fiberglass, plastic-lined steel, or stainless steel) <ul style="list-style-type: none">• Add 2-1/2 fl oz (5 Tbs) to 1 gallon of water.• Spot treat or spray evenly over 300 sq ft.
HOSE-END SPRAYER	For large areas, consider using the ORTHO® Dial'n Spray® <ul style="list-style-type: none">• Set dial to 2-1/2 oz.• To sprayer jar add 2-1/2 oz (5 Tbs) for each 300 sq ft. DO NOT add water.• Spray evenly over measured area.• After spraying, unused product can be poured back into its original container.
1 Tablespoon (Tbs) = 3 teaspoons (tsp) 1 fl oz = 2 Tbs	
For easy to kill weeds such as seedlings, add 1-1/2 fl oz (3 Tbs) to 1 gallon of water. Do not apply with a galvanized or unlined steel (except stainless steel) sprayer or through any irrigation system.	
HOW TO APPLY	<ul style="list-style-type: none">• Spray the weeds or grasses you want to kill until thoroughly wet.• When spot treating weeds around desirable plants, shield plants from drift with a piece of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.
IMPORTANT	Do not spray plants or grasses you like - they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.
WHEN TO APPLY	<ul style="list-style-type: none">• Apply when weeds are actively growing.• For best results, apply during warm, sunny weather (above 60° F) to accelerate systemic movement from foliage to roots.• Apply when air is calm to prevent drift to desirable plants.• RAINPROOF Protection: Rain or watering 30 minutes after application will NOT wash away effectiveness.• If used to control weeds around fruit or nut trees, caneberries, or grapevines, allow 17 days before harvesting.
WHEN TO REPLANT	<ul style="list-style-type: none">• All ornamental flowers, trees and shrubs may be planted 1 day after application.• Lawn grasses, herbs, vegetables (all), and fruits may be planted 3 days after application.
HOW TO CLEAN SPRAYER	To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

ADDITIONAL TIPS

TO KILL VINES	<ul style="list-style-type: none">• If vines are growing up poles, fences or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.• If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and tree trunks from spray drift with a piece of cardboard or plastic.
TO KILL BAMBOO	<ul style="list-style-type: none">• Cut canes close to the ground.• Make cut just below a stem joint to create a hollow stem reservoir.• Pour 1 Tbs of undiluted product into the hollow stem reservoir.• Browning of the canes will occur in 7-14 days.• Spray foliage if regrowth occurs.
TO KILL STUMPS	<ul style="list-style-type: none">• Cut living stump close to ground.• Drive 4 to 5 holes into freshly cut stump.• Immediately pour undiluted product into holes.
IMPORTANT	Some trees may share the same root system. Adjacent trees having a similar age, height and spacing may signal a shared roots system. Injury may occur to non-treated trees when one or more trees sharing common roots are treated.
FOR LAWN REPLACE-MENT	<ul style="list-style-type: none">• Use Roundup to kill a lawn and weeds before planting a new lawn.• Skip one mowing before spraying.• Use 2-1/2 fl oz (5 Tbs) per gallon of water for each 300 sq ft.• If soil is dry, water before application and 2 to 3 days after application.• If green patches remain after 7 days, reapply.• Wait at least 3 days after last application to rake, till or replant with seed or sod.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Store product in original container in a safe place away from direct sunlight.
DISPOSAL: If Empty: Do not reuse this container. Place in trash or offer for recycling if available.
If Partly Filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.



People and pets may enter treated areas after spray has dried.

FIRST AID

IF IN EYES

- Hold eye open and rinse slowly and gently for 15-20 minutes.
- Remove contact lenses, if present, after first 5 minutes, then continue rinsing.
- Call a poison control center, 1-800-246-7219, or doctor for treatment advice.

EMERGENCY MEDICAL INFORMATION

- Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
- You may contact 1-800-246-7219 for emergency medical treatment information.
- This product is identified as **Roundup Weed & Grass Killer Super Concentrate**, EPA Reg. No. 71995-25.

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

NO ROOT. NO WEED. NO PROBLEM.®

ROUNDUP FAMILY OF PRODUCTS

Visit the Roundup website to learn more about the Roundup family of products for the best solution to your toughest weed problems.



www.roundup.com

CONSUMER GUARANTEE

If for any reason you are not satisfied after using this product, simply send us original proof of purchase and we will replace the product or refund the purchase price.



Mata Malezas Y Gramas Superconcentrado

Español

DATOS DEL PRODUCTO

Contiene hasta 21 galones. Trata hasta 6,300 pies cuadrados.

ELIMINA
LAS MALEZAS



ELIMINA TODO TIPO DE MALEZAS Y GRAMAS

CÓMO
FUNCIONA

El Roundup® Superconcentrado ingresa a las plantas a través del follaje y se traslada sistemáticamente a las raíces, eliminando a las malezas al detener la producción de una sustancia encontrada en las plantas. Los productos no absorbidos por las plantas se descomponen en sus sustancias naturales sin alterar la tierra para las plantas sin tratar. Las malezas comúnmente se marchitan y secan dentro del periodo de 2 a 4 días, y se produce la eliminación completa en 1 a 2 semanas.

DÓNDE
USAR

- ✓ Use en patios, senderos, entradas de garaje, lechos de grava o coberturas
- ✓ A lo largo de cercos
- ✓ Alrededor de frutas, vegetales, flores, arbustos o árboles
- ✓ En zonas grandes
 - Para reemplazar césped
 - Para preparar el jardín por zonas

CANTIDAD QUE
SE DEBE USAR

Para mejores resultados

2-1/2 onzas líquidas (5 cucharadas) por galón de agua.

Para eliminar fácilmente las malezas cuando son plántulas, agregue 1-1/2 onzas líquidas (3 cucharadas) a 1 galón de agua.



¿Preguntas, Comentarios o Información?
Llame al 1-800-246-7219



www.roundup.com

Resultados confiables y satisfacción garantizada.*

Este frasco contiene un dispositivo antiadulteración, dentro o en el reverso del frasco. No afecta el rendimiento del Roundup.

*Garantía para el consumidor: Si por algún motivo usted no queda satisfecho(a) luego de utilizar este producto, simplemente envíenos el comprobante de compra original y reemplazaremos el producto o reembolsaremos el precio de compra.

INSTRUCCIONES

Utilizar este producto de modo inconsistente con las declaraciones de su etiqueta constituye una violación de las leyes federales.

INSTRUCCIONES PARA LA MEZCLA

TANQUE ROCIADOR	<ul style="list-style-type: none"> (plástico, aluminio, fibra de vidrio, acero revestido con plástico o acero inoxidable) • Agregue 2-1/2 onzas líquidas (5 cucharadas) a 1 galón de agua. • Realice el tratamiento localizado o rocíe uniformemente en 300 pies cuadrados.
ROCIADOR CON MANGUERA	<p>Para las zonas grandes, considere utilizar ORTHO® Dial'n Spray®</p> <ul style="list-style-type: none"> • Ajuste el disco selector a 2-1/2 onzas. • Agregue al tanque del rociador 2-1/2 onzas líquidas (5 cucharadas) por cada 300 pies cuadrados. NO agregue agua. • Rocíe uniformemente en la zona medida. • Luego de rociar, se puede colocar nuevamente el producto no utilizado en el envase original.
CÓMO APLICAR	<p>1 cucharada (Tbs) = 3 cucharaditas (tsp) 1 onza líquida = 2 cucharadas</p> <p>Para eliminar fácilmente las malezas cuando son plántulas, agregue 1-1/2 onzas líquidas (3 cucharadas) a 1 galón de agua. No aplique con un rociador de acero galvanizado o no revestido (salvo acero inoxidable) o a través de un sistema de riego.</p> <ul style="list-style-type: none"> • Rocíe las malezas o gramas que desee eliminar hasta mojar completamente. • Cuando trate zonas específicas alrededor de plantas que desee conservar, proteja dichas plantas de la diseminación con una lámina de cartón o plástico. Si se rocía accidentalmente las plantas deseables, enjuague inmediatamente con agua.
IMPORTANTE	<p>No rocíe en plantas o gramas que desee conservar, pues también pueden morir. No recomendado para el control localizado de malezas de césped pues el Roundup elimina el césped.</p>
CUÁNDO APLICAR	<ul style="list-style-type: none"> • Aplique cuándo las malezas crezcan activamente. • Para mejores resultados, aplique durante clima cálido y soleado (por encima de 60°F) para acelerar el movimiento sistémico desde las hojas hacia las raíces. • Aplique cuándo el aire se encuentre calmo para evitar la diseminación a plantas que se desee conservar. • PROTECCIÓN A PRUEBA DE LLUVIA: La lluvia o el riego 30 minutos después de la aplicación NO eliminará su eficacia. • Si se usa para controlar las malezas alrededor de árboles frutales o de nuez, moras silvestres o parras, deje transcurrir 17 días antes de cosechar.
CUÁNDO REPLANTAR	<ul style="list-style-type: none"> • Todas las flores ornamentales, árboles y arbustos pueden plantarse 1 día después de la aplicación. • Se pueden plantar césped, hierbas, vegetales (de todo tipo) y plantas frutales 3 días después de la aplicación.
CÓMO LIMPIAR ATOMIZADOR	<p>Para limpiar el rociador después de usar, enjuague con agua el rociador y todas sus piezas unas 3 veces. Rocíe el agua del enjuague en la tierra o grava descubiertos. Después de limpiar, se puede utilizar el rociador para otros productos.</p>

CONSEJOS ADICIONALES

PARA ELIMINAR ENREDADERAS	<ul style="list-style-type: none"> • Si crecen enredaderas en postes, cercos o troncos con corteza madura, corte las enredaderas a una altura de 3 a 4 pies y rocíelas completamente. • Si las enredaderas trepan arbustos o troncos con corteza inmadura, corte las enredaderas en su base y trátelas como se indica para el tratado de tocónes o rocíe el rebrote. Cuando rocíe las plantas que vuelven a crecer, proteja los arbustos y las cortezas de árboles de la diseminación con una lámina de cartón o plástico.
PARA ELIMINAR EL BAMBÚ	<ul style="list-style-type: none"> • Corte las cañas casi a ras del piso. • Corte justo por debajo de un empalme del tallo para crear un reservorio hueco en el tallo. • Vierta 1 cucharada de producto no diluido en el reservorio hueco del tallo. • Las cañas de pondrán de color pardo en 7-14 días. • Rocíe el follaje si vuelve a crecer bambú.
PARA ELIMINAR LOS TOCÓNES	<ul style="list-style-type: none"> • Corte el tocón vivo casi a ras del piso. • Haga 4 a 5 agujeros en el tocón recién cortado. • Inmediatamente vierta el producto sin diluir en los agujeros.
IMPORTANTE	<p>Algunos árboles pueden compartir el mismo sistema de raíces. Los árboles adyacentes que tengan una edad, altura y distancia similares pueden indicar la presencia de sistemas de raíces compartidas. Pueden ocurrir daños en los árboles no tratados cuando se tratan uno o más árboles que comparten raíces comunes.</p>
PARA REEMPLAZAR EL CÉSPED	<p>Use el Roundup para eliminar el césped y las malezas antes de plantar nuevo césped.</p> <ul style="list-style-type: none"> • Deje pasar una poda antes de rociar. • Use 2-1/2 onzas líquidas (5 cucharadas) por galón de agua para cada 300 pies cuadrados. • Si la tierra está seca, riegue antes de aplicar y 2 a 3 días después de la aplicación. • Si siguen existiendo zonas verdes luego de 7 días, vuelva a aplicar. • Espere por lo menos 3 días luego de la última aplicación para pasar el rastrillo, labrar o volver a plantar con semillas o plántulas.

ALMACENAMIENTO Y ELIMINACIÓN

ALMACENAMIENTO DEL PLAGUICIDA: Guarde el producto en el envase original en un lugar seguro lejos de la luz directa del sol. **ELIMINACIÓN:** Si está vacío: No vuelva a utilizar este envase. Coloque en la basura u ofrezca para el reciclado si existe. Si se encuentra parcialmente lleno: Llame a su agencia local de desechos sólidos o al 1-800-CLEANUP para obtener instrucciones de eliminación. Nunca coloque el producto sin usar debajo de ningún drenaje interior o exterior.

DECLARACIONES DE PRECAUCIÓN

RIESGOS PARA LOS SERES HUMANOS Y ANIMALES DOMÉSTICOS

PRECAUCIÓN: Causa irritación moderada a los ojos. Evite el contacto con los ojos o la ropa. Lávese minuciosamente con jabón y agua después de manipular.



Las personas y las mascotas pueden ingresar a la zona tratada luego de que se seque el rociado.

PRIMEROS AUXILIOS

SI OCURRE CONTACTO CON LOS OJOS

- Mantenga el ojo abierto y enjuague lenta y suavemente durante 15 a 20 minutos.
- Retire los lentes de contacto, si hubiera, después de los primeros 5 minutos, luego continúe enjuagando.
- Llame a un centro de control de envenenamiento, 1-800-246-7219, o médico para obtener más consejos sobre tratamiento.

Información De Emergencia Médica

- Tenga consigo el envase o etiqueta del producto cuándo llame al centro de control de envenenamiento o al médico, o acuda al tratamiento.
- Puede llamar al 1-800-246-7219 para obtener información sobre el tratamiento médico.
- Este producto se ha identificado como **Roundup Mata Malezas Y Gramas Superconcentrado**, EPA Reg. No. 71995-25.

RIESGOS AMBIENTALES: No aplique directamente a ninguna masa de agua. No contamine el agua limpiando el equipo o eliminando las aguas con las que lavó el equipo.

ADVERTENCIA: El comprador asume toda responsabilidad de la seguridad y uso que no sea conforme con las instrucciones.



Weed & Grass Killer Super Concentrate
Mata Malezas Y Gramas Superconcentrado

ROUNDUP FAMILY OF PRODUCTS

Visit the Roundup website to learn more about the Roundup family of products for the best solution to your toughest weed problems.



FAMILIA DE PRODUCTOS ROUNDUP

Visite el sitio Web de Roundup para conocer más acerca de la familia de productos Roundup para encontrar la mejor solución para sus problemas de malezas más resistentes.



Questions, Comments or Information
1-800-246-7219

¿Preguntas, Comentarios o Información?



www.roundup.com

This product is protected by U.S. Patents No. 5,683,958; 5,703,015; 6,063,733; 6,121,199; 6,121,200. No license granted under any non-U.S. patent(s).

This is an end-use product. Monsanto does not intend and has not registered it for reformulation or repackaging.

Roundup, Roundup and design, and No Root. No Weed. No Problem. are registered trademarks of Monsanto Technology LLC.

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Manufactured for
Monsanto Company, Lawn & Garden Products
P. O. Box 418, Marysville, OH 43041
PPN 21180D8-8 (LB1185AG011)
EPA Reg. No. 71995-25
EPA Est. 239-1A-3; 58996-MO-1A
Superscript is first letter of lot number.



(LB1185AG011)



0 70183 50001 7

1031

Resealable Label for Directions & Precautions. La etiqueta resellable para instrucciones y declaraciones de precaución.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

SEP 16 2004

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Rhonda M. Mannion
Monsanto Company, Lawn & Garden Products
1300 I Street N. W., Suite 450 East
Washington, DC 20005

Dear Ms. Mannion:

Subject: Roundup Weed & Grass Killer Super Concentrate (Revise Master Label)
EPA Registration No. 71995-25
Application Dated June 21, 2004

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable. Amended labeling will supercede all previously accepted ones. A stamped copy of labeling is enclosed for your records.

Sincerely,

Vickie K Walters for
James A. Tompkins
Product Manager 25
Herbicide Branch
Registration Division (7505C)

Roundup Weed & Grass Killer Super Concentrate

EPA Reg No. 71995-25

[Editorial Notes: Bracketed text [] is for internal use or serves as a 'place holder' for graphics. Parenthetical text () denotes optional wording.]

[Refer to APPENDIX 1 for consolidated list of label claims.]

[Refer to APPENDIX 2 for packaging related claims/instructions]

Roundup® Weed & Grass Killer Super Concentrate

Alternate Brand Names: Roundup Pull N' Spray Refill Super Concentrate
Roundup Pull N' Spray II Refill Super Concentrate

Active Ingredient

Glyphosate, isopropylamine salt 50.2 %

Other Ingredients 49.8 %

KEEP OUT OF REACH OF CHILDREN

CAUTION

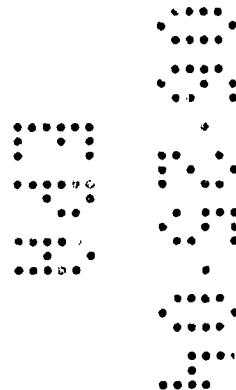
See back panel booklet for additional precautionary statements.
(Read precautions and directions on back label.)

ACCEPTED

SEP 16 2004

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended for the pesticide
registered under
EPA Reg. No. 71995-25

NET []



Product Facts

Makes up to *[Insert # of gallons from Appendix 2]*

Treats up to xx sq ft (approx. size of XX tennis courts)

[When calculating coverage, one gallon treats 300 sq ft and a tennis court is 2,106 sq ft.]

KILLS *[Illustrate grassy, broadleaf and woody weeds]*

WEEDS ALL TYPES OF WEEDS & GRASSES

WHERE**TO USE**

- On patios, walkways, driveways, gravel or mulch beds
- Around fruits, vegetables, flowers, shrubs or trees
- Along fences
- In large areas - For lawn replacement
For garden plot preparation
- Other areas in (of) your yard

AMOUNT**TO USE**

For best results

- 2½ fl oz (5 Tbs) per gallon of water (for established or tough weeds)

[For Roundup Pull N' Spray (II) Refill Super Concentrate]

To refill Roundup Pull N' Spray (II)

- Empty entire contents (6.5 oz) into empty 1.33 gallon Roundup Pull N' Spray (II) container and fill with water.

[Phone icon]

Questions, Comments or Medical Information

Call (insert contact #)

www.roundup.com

[For products where an anti-theft device has been added] This bottle contains an anti-theft tag, either inside or on the back of the bottle. It does not affect Roundup's performance.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS*[Optional tank sprayer illustration]***Tank Sprayer** (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)

- *[Optional text]* For easy to kill weeds such as seedlings, add 1½ fl oz (3 Tbs) to 1 gallon of water
- (For tough established weeds / For best results,) add 2½ fl oz (5 Tbs) to 1 gallon of water
- Spot treat or spray evenly over 300 sq ft.

*[Optional DNS illustration]***Hose-End Sprayer**

For large areas consider using the Ortho Dial 'n Spray®

- Set dial to 2½ oz.
- To sprayer jar add 2½ fl oz (5 Tbs) for each 300 sq ft. DO NOT add water.
- Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

*[Optional PNS (II) illustration]***Roundup Pull N' Spray (II)**

- Add entire contents of 6.5 fl oz (13 Tbs) Roundup Pull N' Spray (II) Refill Super Concentrate to the empty Roundup Pull N' Spray (II) container and fill with water.

OR

- Add 6.5 fl oz (13 Tbs) Roundup Super Concentrate to the empty Roundup Pull N' Spray (II) container and fill with water.

1 Tablespoon (Tbs) = 3 teaspoons (tsp)

1 fl oz = 2 Tbs

Do not (mix, store or) apply with (in) a galvanized or unlined steel (except stainless steel) sprayer, or through any irrigation system.

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

HOW TO APPLY *[optional illustration]*

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a sheet (piece) of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

IMPORTANT

Do not spray plants or grasses you like - they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

WHEN TO APPLY *[optional illustration]*

- Apply when weeds are actively growing. (Use anytime weeds and grasses are actively growing.)
- For best results, apply during warm, sunny weather (above 60° F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- (RAIN-PROOF:) Rain or watering 2 hours (30, 45, 60, or 90 minutes; 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes) after application will not wash away effectiveness.
 - **Alternate text**
[Insert brand name] is Rainproof in 2 hours (30, 45, 60, or 90 minutes; 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes)
- [Optional text] Apply when weeds are small and before seeds form. Established (Hard to kill) weeds may require a repeat application.
- [Optional text] If used to control weeds around fruit or nut trees, caneberries, or grapevines, allow 17 days before harvesting.

ADDITIONAL TIPS *[optional illustration]* *[Optional Section]*

- **To Kill Vines**
 - If vines are growing up poles, fences, or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
 - If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a sheet (piece) of cardboard or plastic
- **To Kill Bamboo**
 - Cut canes close to the ground.

- Make cut just below a stem joint to create a hollow stem reservoir.
- Pour 1 Tbs of undiluted product into the hollow stem reservoir.
- Browning of the canes will occur in 7-14 days.
- Spray foliage if regrowth occurs.

- **To Kill Stumps**

- Cut living stump close to ground.
- Drive (drill) 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

IMPORTANT: Some trees may share the same root system. Adjacent trees having a similar age, height and spacing may signal shared roots system. Injury may occur to non-treated trees when one or more trees sharing common roots are treated.

- **For Lawn Replacement**

Use [*Insert brand name*] to kill a (an old) lawn and (its) weeds before planting (a) new lawn.

- Skip one mowing before spraying.
- Use 2½ fl oz (5 Tbs) per gallon of water for each 300 sq ft.
- If soil is dry, water before application and 2 to 3 days after application.
- If green patches remain after 7 days, reapply.
- Wait 7 days after last application to rake, till or replant with seed or sod.

(Alternate text)

- Wait 7 days for weeds and lawn to die. Repeat if necessary.
- Rake or till to prepare area for planting seed or sod.

- **Kudzu**

For best results, apply in mid to late summer when vines are mature and actively growing.

- **Wild Blackberry**

Spray anytime plants are actively growing. Dead canes should be cut down and removed. Reapplication is often required to kill deep roots.

- **Poison Ivy & Poison Oak**

Contact with these plants anytime of the year can cause an allergic reaction. Spray anytime plants are actively growing, but at least 4 weeks before the first killing frost in the fall. Reapply, if new growth appears. Handle dead plants with rubber gloves. Dispose of plants and rubber gloves in tightly sealed garbage bags.

- **For Flowerbed & Garden (Plot) Preparation**

Use [*Insert brand name*] to kill weeds, grasses and brush before planting flowers,

fruits, vegetables or herbs.

- If soil is dry, water before application and 2 to 3 days after application.
- Apply evenly over treatment area.
- Wait the number of days indicated below before planting.

WHEN TO REPLANT <i>[optional illustration]</i> <i>[Optional section]</i>

- All ornamental flowers, trees and shrubs may be planted **1 day after** application:
-
- Lawn grasses, herbs, vegetables (all), and fruits may be planted **3 days after** application.

WHEN TO HARVEST <i>[optional illustration]</i>

If used to control weeds around fruits or nuts, allow the following number of days before harvesting:

- Citrus (citron, grapefruit, lemon, lime, mandarin, orange, tangelo and tangerine) – **1 day.**
- Nuts (almond, beechnut, cashew, chestnut, hazelnut, pecan, pistachio and walnut) – **3 days.**
- Apple, avocado, banana (plantains), berries (except cranberries), dates, figs, grapes, kiwi fruit, loquat, passion fruit, pear, persimmon, pomegranate and quince – **14 days.**
- Apricot, cherries, nectarine, olives, peach, plum and prunes– **17 days.**

(OR)

- *[Statement may be placed in the When To Apply section instead]* If used to control weeds around fruit or nut trees, caneberries or grapevines, allow 17 days before harvesting.

HOW IT WORKS <i>[Optional illustration]</i> <i>[Optional section]</i>

[Insert brand name] enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found in plants. Any product (Roundup) *[or insert brand name]* not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

[Optional section]

KILLS ALL TYPES OF WEEDS & GRASSES [optional illustration]

Weeds (including): Artichoke thistle, beggarweed, black medic, blue mustard, blue toadflax, brassbuttons, broadleaf plantain, burclover, buttercup, Canada thistle, cattail, chickweed, cocklebur, common groundsel, common mullein, common plantain, common ragweed, creeping beggarweed, creeping-charlie, curly dock, dandelion, dog fennel, evening primrose, false dandelion, fiddleneck, field bindweed (wild morningglory), field pennycress, filaree, Florida pusley, garden spurge, henbit, horsenettle, horseradish, horseweed/ maretail, iceplant, knapweed, knotweed, lambsquarters, lantana, little bittercress, London rocket, mallow, mayweed, milkweed, mouseear chickweed, narrowleaf (buckhorn) plantain, nightshade (silverleaf), oldenlandia, oxalis, Pennsylvania smartweed, pennywort, poison hemlock, prickly lettuce, primrose, prostrate spurge, puncturevine, ragweed, red clover, redroot pigweed, shepherdspurse, smooth catsear, smooth pigweed, sowthistle, spotted spurge, tansy ragwort, tansymustard, teaweed, trumpetcreeper, tumble mustard, Virginia creeper, white clover, whitetop, wild barley, wild mustard, wild oats, wild sweet potato, yellow starthistle, and other broadleaf weeds

Grasses (including): Annual bluegrass, annual ryegrass, bahiagrass, barnyardgrass, bentgrass, Bermudagrass, brome grass, Cogongrass, crabgrass, creeping bentgrass, dallisgrass, fall panicum, fescue, field sandbur, foxtail, goosegrass, guineagrass, Johnsongrass, Kentucky bluegrass, kikuyugrass, lovegrass, maidencane, nimblewill, nutsedge, orchardgrass, pampas grass, perennial ryegrass, purple nutsedge, quackgrass, sandspur, smooth brome grass, sprangletop, St. Augustinegrass, tall fescue, Texas panicum, Timothy, torpedograss, vaseygrass, witchgrass, yellow nutgrass, zoysia and other grassy weeds

Brush (Tough Weeds) Unwanted Tress, Shrubs & Vines (including):

Alder, ash, (quacking) aspen, bamboo, blackberry, bluegum eucalyptus, broom (French, Scotch), buckwheat, ceanothus, chamise, cherry, coyote brush, dewberry, elderberry, elm, eucalyptus, giant reed, hawthorn, hazel, honeysuckle, kudzu, locust, madrone, maple, oak, persimmon, poison oak, poison ivy, poplar, raspberry, sage, sagebrush, salmonberry, saltcedar, sassafras, sumac, sweetgum, tan oak, thimbleberry, tree tobacco, wild rose (multiflora) willow and other tough weeds

STORAGE AND DISPOSAL *[trash can illustration]*

PESTICIDE STORAGE: Store product in original container in a safe place away from direct sunlight.

DISPOSAL: **If Empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If Partly Filled:** Call your local solid waste agency (or 1-800-CLEANUP) for disposal instructions. Never place unused product down any indoor or outdoor drain.

HOW TO REFILL ROUNDUP READY-TO-USE CONTAINERS *[Optional Section]*

- **24 fl oz Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 1 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **½ Gallon Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 2½ fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **Gallon Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 5 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **1.33 Gallon Roundup Weed & Grass Killer₁ Ready-To-Use PNS (II):**
To empty container add 6.5 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **6L Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 8 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **2 Gallon Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 10 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.

PRECAUTIONARY STATEMENTS *[optional illustration]***HAZARDS TO HUMANS & DOMESTIC ANIMALS**

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

[Re-entry icon] People and pets may enter treated area after spray has dried.

FIRST AID	
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently for 15-20 minutes.• Remove contact lenses, if present, after first 5 minutes, then continue rinsing.• Call a poison control center (insert contact #) or doctor for treatment advice.
Emergency Medical Information	
<ul style="list-style-type: none">• Have the product container or label with you when calling a poison control center or doctor, or going for treatment.• You may contact (insert contact #) for emergency medical treatment information.• This product is identified as [Insert brand name], EPA Reg. No. 71995-25	

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

This product is protected by U.S. Patents No. 4,405,531 and No. 5,703,015 and No. 6,063,733 and No. 6,121,199 and No. 6,121,200. Other patents pending. No license granted under any non-U.S. patent(s).

This is an end-use product. Monsanto does not intend and has not registered it for reformulation or repackaging.

[phone icon] **Questions, Comments or Medical Information**
call (insert contact #) www.roundup.com

Roundup Weed & Grass Killer Super Concentrate

EPA Reg No. 71995-25

Roundup is a trademark of Monsanto Technology LLC

©[] MONSANTO COMPANY

Manufactured for
Monsanto Company, Lawn & Garden Products
P.O. Box 418
Marysville, OH -43041
Form []
EPA Reg. No. 71995-25
EPA Est. 239-IA-3¹, 58996-MO-1^A
Superscript is first letter of lot number
Made in USA

APPENDIX 1 – Consolidated List of Label Claims
[Ordered alphabetically]

- 20% more concentrated
- 20% stronger
- 20% stronger to speed absorption to the root
- Absorbed into both broadleaf and grassy weeds
- Absorbs on contact, starts working immediately
- Also use for large jobs such as lawn renovation and vegetable and flower garden preparation
- Approved for most (many) lawn and garden uses.
- Before *[weed graphics]* / After *[weed graphics]*
- Begins absorbing on contact
- Can be used around (small) fruits and vegetables
- Can be used for habitat restoration, controlling exotic vegetation, and for site preparation of wildlife food plots.
- Can reseed or sod lawns 7 days after treatment
- Concentrated for extra value
- Covers up to 300 sq ft per gallon of spray
- Dead Weeds Guaranteed
- Dead Weeds Guaranteed or Your Money Back
- Does not have soil activity
- Economical
- Economical concentrate formula
- Easy to apply with an Ortho Dial 'n Spray®, hose-end, tank or (hand held) trigger sprayer
- Even if it rains – Roundup won't lose its effectiveness
- Exclusive Roundup formula
- FastAct™ (Technology)
- For control that doesn't (won't) wash away
- For general weed control - kills weeds and grasses in 2 to 4 weeks - roots and all
- Guaranteed same effective results even if it rains within an hour (hours)
- Improved extra strength formula
- Improved formula, completely kills even the toughest weeds and grasses
- Improved formulation -now RainFast - fast uptake
- Kills almost all (annual and perennial) weeds, grasses and other unwanted plants
- Kills existing weeds only, no residual activity in soil
- Kills more weeds in more places
- Kills over 100 weeds
- Kills the root so weeds don't come back
- Kills the roots of (both) broadleaf and grassy weeds

- Kills the weed you see and the root you don't
- Kills (to) the root
- Kills unwanted weeds and grasses, roots and all
- Kills weeds in flowerbeds, around trees, shrubs and fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard.
- Kills weeds, roots and all
- Lawns and gardens can be reseeded or planted soon after treatment
- Make only what you need
- Multipurpose grass and broadleaf weed control
- NEW!
- No odor
- No root. No weed. No problem.
- NOW!
- Now a shorter wait for replanting!
- Once it enters the plant, it won't wash off
- Ornamental gardens can be reseeded or planted 1 day after treatment.
- Only Roundup's effectiveness (exclusive formula) won't be washed away by rain or watering 2 hours (30, 45, 60, 90 minutes; 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes) after treatment
- RainFast in hours (an hour) - enters the plant on contact
- RAIN-PROOF™
- RAIN-PROOF™ in one hour (two hours)
- Rainproof in two hours (30, 45, 60, 90 minutes; 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes)) (for control that won't wash away)
- Results in 24 hours
- (Roundup) Kills the weed you see and the root others leave behind
- Roundup kills weeds and grasses in – Patios – Driveways – Sidewalks – Gardens and other non-lawn areas
- Satisfaction guaranteed or we will gladly refund purchase price
- Satisfaction guaranteed or your money back with proof of purchase
- Speeds absorption to the root for complete kill
- Spray weeds (Use) in flowerbeds, around trees, shrubs and around fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard
- Starts working immediately
- Stronger
- The Strongest Roundup you can buy
- Tougher formula
- Transorb technology speeds Roundup to the root to kill even tough weeds
- Use around fruits and vegetables.
- (Use) For Bamboo Control
- (Use) For Brush Control

- (Use) For General Weed Control: Use along fences, paths, patios, sidewalks and driveways, around trees, shrubs, ornamental plantings, flowerbeds, and buildings, and in brick and gravel walkways. Use to trim and edge landscape areas
- (Use) For Landscaping: Use to prepare areas for planting of ornamentals, trees, shrubs, desert landscapes, rock gardens, flowerbeds or similar plantings
- Use for large jobs like garden plot preparation and lawn replacement (renovation)
- (Use) For Lawn Renovation
- (Use) For Spot Spraying: Use in and around flowerbeds, ornamental, fruit and nut trees, grapevines, shrubs, fences, driveways and walkways
- (Use) For Stumps
- (Use) For Wildlife Areas: Use to prepare areas for planting wildlife food. Exotic or undesirable plants can be controlled to allow for planting or recovery of native plant species. Spot treatments can be made to selectively remove unwanted plants.
- (Use in) Apply with a Big Shot™ Multi-Purpose Sprayer or other tank sprayer, Ortho Dial 'n Spray® or other hose-end sprayer, or a (hand held) trigger sprayer
- Use to prepare sites: for large plantings, for planting flowerbeds, fruit trees, ornamentals, vegetables and gardens, and for renovating lawns
- Use to refill Roundup Ready-To-Use containers
- Visible effects are gradual wilting and yellowing advancing to complete browning and root destruction
- Visible results in 2 to 4 days (hours)
- Water based formula
- (Weeds) start dying in 1 day (24 hours)
- Won't wash away
- Won't wash off
- Works first time, every time
- Works only when absorbed by the foliage of weeds

- *[Promotional options]*
- Free [] with this purchase of Roundup concentrate quart
- [X] % Free (More)
- FREE REFILL
- FREE SAMPLE
- Free weed guide inside
- SAMPLE NOT FOR SALE
- Save up to \$[x] on (your) next purchase
- Value sized

APPENDIX 2 – Packaging Related Claims

NET xx fl oz (qt or gal) (xx mL or L)
6 fl oz (177 mL)
6.5 fl oz (192 mL)
8 fl oz (237 mL)
13 fl oz (384 mL)
16 fl oz (1 pt) (473 mL)
32 fl oz (1 qt) 946 mL)
40 fl oz (1.18 L)
53.7 fl oz (0.42 gal) (1.59 L)
64 fl oz (1.89 L)
128 fl oz (1 gal) (3.79 L)

[corner flap]

OPEN

Resealable Label for Directions & Precautions

PULL HERE TO OPEN LABEL

PEEL HERE

PEEL OPEN FOR USE DIRECTIONS AND FURTHER INFORMATION

PRESS TO RESEAL

[Net contents] Makes up to 'X' gallons

Makes between 'X' and 'Y' gallons

Mix with water to make 'X' gallons of spray solution

Covers up to 'Z' sq ft

Mix with water to cover up to 'Z' sq ft

$[X = \text{net contents} \div 1.5]$

$[Y = \text{net contents} \div 2.5]$

$[Z = X * 300]$

[6.5 oz PNS (II) Refill Super Concentrate]

Pre-measured

Convenient

Refills (Refill for) (Roundup) Pull N' Spray (II)

Use to refill (Roundup) Pull N' Spray (II)

Refill (Roundup) Pull N' Spray (II) and save

Save money

Easy-to-pour

Refill

Makes one (1) refill for (Roundup) Pull N' Spray (II)

NEW
NOW
(Roundup) Pull N' Spray (II) Refill
Compare to the price of a new (Roundup) Pull N' Spray (II)
No mess
No messy clean-up
No measuring
Easy-to-use
Save time
Less waste
Treat more weeds for less money
Treat twice as many weeds for less money
Great (Excellent) (Outstanding) value
Value Refill Bottle
Pull N' Spray (II) Refill
More economical
Just pour
Quick and (&) Easy
Just pour and (&) add water
Hassle free
Simple
Just pour, fill, and (&) spray

[Pint] Makes up to 10 gallons
Makes between 6 – 10 gallons
Mix with water to make 10 gallons of spray solution
Covers up to 3,000 sq ft
Mix with water to cover up to 3,000 sq ft

[Quart] Makes up to 21 gallons
Makes between 12 – 21 gallons
Mix with water to make 21 gallons of spray solution
Covers up to 6,300 sq ft
Mix with water to cover up to 6,300 sq ft

[0.42 Gallon] Makes up to 35 gallons
Makes between 21 – 35 gallons
Mix with water to make 35 gallons of spray solution
Covers up to 10,500 sq ft
Mix with water to cover up to 10,500 sq ft

[Gallon] Makes up to 85 gallons

Roundup Weed & Grass Killer Super Concentrate

EPA Reg No. 71995-25

Makes between 51 – 85 gallons
Mix with water to 85 gallons of spray solution
Covers up to 25,500 sq ft
Mix with water to cover up to 25,500 sq ft

New! Larger size, covers up to ['Z'] sq ft

Description of Changes for 071995-00025.20040621.pdf

This master label amendment incorporates the following changes:

- Additional advisory language for cut stump treatments
- Revised Storage and Disposal statements which comply with agreed upon text for consumer lawn and garden products
- Reduced plant-back intervals in **When To Replant** section
- Other minor formatting changes

01711919151-11121511016/25/04

1. DATE FILLED 8/31/04		10. DATE PLACED AWP		11. ACTION TYPE Perse Mantis label		12. OUTGOING DATE	
2. DATE PLACED		3. DATE PLACED		4. PETITION NO.		5. RECEIVED ON	
6. METHOD OF SUPPORT		7. PRODUCT MANAGER		8. PROJECTED REVIEW		9. PROJECTED REVIEW	
13. REVIEW TYPE		14. REVIEW CODE		15. SIGNATURE OF REVIEWER		16. COMMENT CODE	
17. REVIEW TYPE		18. REVIEW CODE		19. SIGNATURE OF REVIEWER		20. COMMENT CODE	
A. REVIEWABILITY TEAM							
B. PRODUCT MANAGER TEAM							
C. PRODUCT MANAGER TEAM							
D. PRODUCT MANAGER TEAM							
E. PRODUCT MANAGER TEAM							
F. PRODUCT MANAGER				UKW NAC		08/31/04	
G. INTERAGENCY REFERRAL							
H. COST-BENEFIT REVIEW							
I. PUBLIC COMMENTS REVIEW							
J. EEE BRANCH - INSECTICIDE							
K. EEE BRANCH - HERBICIDE							
L. EEE BRANCH - FUNGICIDE							
M. EEE BRANCH - ROSENICIDE							
N. EEE BRANCH - DIMINUTANT							
O. CHEMISTRY BRANCH							
P. EEE BRANCH - ENVIRONMENTAL CHEMISTRY							
Q. TOXICOLOGY BRANCH							
R. EEE BRANCH - ENVIRONMENTAL SAFETY							
S.							
T.							
PRODUCT MANAGER SIGNATURE				TYPE OF RESPONSE			



United States
Environmental Protection Agency
 Washington, DC 20460

☐
☒
☐

Registration
Amendment
Other

OPP Identifier
 Number

294142

Application for Pesticide – Section I

1. Company/Product Number 71995-25	2. EPA Product Manager Mr. Jim Tompkins	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
Company/Product (Name) Roundup Weed & Grass Killer Super Concentrate	PM # 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company, Lawn & Garden Products 1300 I (Eye) St., N.W., Suite 450 East Washington, DC 20005 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(B)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section – II

<input checked="" type="checkbox"/> Amendment – Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated
<input type="checkbox"/> Resubmission in response to Agency letter dated	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification – Explain below.	<input type="checkbox"/> Other – Explain below.

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

Submission of revised Master Label.

Section – III

1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must submitted		If "Yes" Unit Packaging wgt. No. per Container	If "Yes" Package wgt. No. per Container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

Section – IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application) **			
Name Dr. Russell Schneider	Title Director, Regulatory Affairs DC	Telephone No. (Include Area Code) (202) 383-2866	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 		3. Title Registration Manager	
4. Typed Name Rhonda. M. Mannion Tel. (314) 694-8785		5. Date 21 June 2004	

MONSANTO



MONSANTO COMPANY

1300 I (EYE) STREET, NW

SUITE 450 EAST

WASHINGTON, D.C. 20005

PHONE (202) 383-2866

FAX (202) 789-1748

<http://www.monsanto.com>

21 June 2004

Hand Delivered

Document Processing Center (AMEND)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2,
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

Attention: Mr. Jim Tompkins (7505C)
Product Manager (Team 25)

Subject: **Submission of Revised Master Label for Roundup® Weed & Grass Killer Super Concentrate (EPA Reg. No. 71995-25)**



Dear Mr. Tompkins,

Monsanto is herein submitting a revised Master Label for Roundup® Weed & Grass Killer Super Concentrate (Reg. No. 71995-25). The revised label incorporates the following changes from the previous approved Master Label dated 24 September 2002:

- Additional advisory language for cut stump treatments
- Revised Storage and Disposal statements which comply with agreed upon text for consumer lawn and garden products
- Other minor formatting changes

This submission is classified as part of the Agency's Fast-Track Program therefore no fee is due.

The following documents are included with this application for amendment:

- Application for Pesticide (form 8570-1)
- Five copies of the revised Master Label
- One copy of the revised Master Label highlighting changes to the 24 Sept 2002 approved label.
- CD-Rom containing this cover letter, required forms and the electronic label (filename: 071995-00025.20040621.pdf)
- Signed Certification with Respect to Label Integrity

Should you require any additional information or have any questions, please contact Dr. Russell Schneider at our Washington office (202)-383-2866 or me directly at (314) 694-8785 or by email at rhonda.m.mannion@monsanto.com.

Sincerely,

Rhonda M. Mannion.
Registration Manager

cc: V. Walters / EPA
R. Schneider / DC Office
J. Lambert/ A2N
File copy

Certification with Respect to Label Integrity

Version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
71995-25	06/21/2004	071995-00025.20040621.pdf

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Rhonda M. Mannion

Signature

21 June 2004

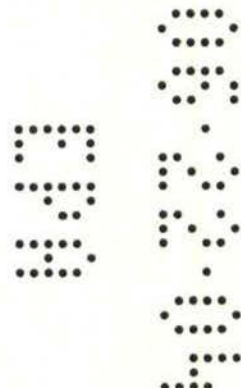
Date

Rhonda M. Mannion

Name (typed)

Registration Manager

Title





United States
Environmental Protection Agency
 Washington, DC 20460

☐ **Registration**
☒ **Amendment**
☐ **Other**

OPP Identifier
 Number

294142

Application for Pesticide – Section I

1. Company/Product Number 71995-25	2. EPA Product Manager Mr. Jim Tompkins	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
Company/Product (Name) Roundup Weed & Grass Killer Super Concentrate	PM # 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company, Lawn & Garden Products 1300 I (Eye) St., N.W., Suite 450 East Washington, DC 20005 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(B)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section – II

<input checked="" type="checkbox"/> Amendment – Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated
<input type="checkbox"/> Resubmission in response to Agency letter dated	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification – Explain below.	<input type="checkbox"/> Other – Explain below.

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

Submission of revised Master Label.

This label withdrawn by company

Section – III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per Container	If "Yes" Package wgt. No. per Container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	
		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled	

Section – IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Dr. Russell Schneider	Title Director, Regulatory Affairs DC	Telephone No. (Include Area Code) (202) 383-2866	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature <i>Rhonda M. Mannion</i>		3. Title Registration Manager	
4. Typed Name Rhonda M. Mannion Tel. (314) 694-8785		5. Date 21 June 2004	

MONSANTO



MONSANTO COMPANY

1300 I (EYE) STREET, NW

SUITE 450 EAST

WASHINGTON, D.C. 20005

PHONE (202) 383-2866

FAX (202) 789-1748

<http://www.monsanto.com>

21 June 2004

Hand Delivered

Document Processing Center (AMEND)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2,
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

Attention: Mr. Jim Tompkins (7505C)
Product Manager (Team 25)

Subject: **Submission of Revised Master Label for Roundup® Weed & Grass Killer Super Concentrate (EPA Reg. No. 71995-25)**

Dear Mr. Tompkins,

Monsanto is herein submitting a revised Master Label for Roundup® Weed & Grass Killer Super Concentrate (Reg. No. 71995-25). The revised label incorporates the following changes from the previous approved Master Label dated 24 September 2002:

- Additional advisory language for cut stump treatments
- Revised Storage and Disposal statements which comply with agreed upon text for consumer lawn and garden products
- Other minor formatting changes

This submission is classified as part of the Agency's Fast-Track Program therefore no fee is due.

The following documents are included with this application for amendment:

- Application for Pesticide (form 8570-1)
- Five copies of the revised Master Label
- One copy of the revised Master Label highlighting changes to the 24 Sept 2002 approved label.
- CD-Rom containing this cover letter, required forms and the electronic label (filename: 071995-00025.20040621.pdf)
- Signed Certification with Respect to Label Integrity

Should you require any additional information or have any questions, please contact Dr. Russell Schneider at our Washington office (202)-383-2866 or me directly at (314) 694-8785 or by email at rhonda.m.mannion@monsanto.com.

Sincerely,

Rhonda M. Mannion
Registration Manager

cc: V. Walters / EPA
R. Schneider / DC Office
J. Lambert/ A2N
File copy

Certification with Respect to Label Integrity

Version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
71995-25	06/21/2004	071995-00025.20040621.pdf

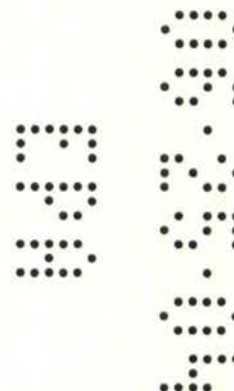
I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Rhonda M. Mannion
Signature

21 June 2004
Date

Rhonda M. Mannion
Name (typed)

Registration Manager
Title





file

MONSANTO COMPANY

800 NORTH LINDBERGH BLVD

ST. LOUIS, MISSOURI 63167

PHONE (314) 694-1000

<http://www.monsanto.com>

14 July 2004

Hand Delivered

Document Processing Center (NOTIF)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2,
1801 South Bell Street
Arlington, VA 22202-4501

Attention: Mr. Jim Tompkins (7505C)
Product Manager (Team 25)

**Subject: Roundup® Weed & Grass Killer Super Concentrate (EPA Reg. No. 71995-25).
Submission of Revised Final Printed Label.**

Dear Mr. Tompkins:

Monsanto is herein submitting a revised final printed label for *Roundup® Weed & Grass Killer Super Concentrate* (print plate nos. 5007 and 5004). The revised label is consistent with the EPA approved Master Label dated 24 September 2002 except that the claim "Best Roundup Concentrate Value" has been added. This claim is similar to the approved claim "Concentrated for extra value".

The label is also identical (in content) to the previously submitted final printed label (print plate nos. 21180B5-22 and 21180B4-23) with the following exceptions:

- Added "Best Roundup Concentrate Value", "Kills the roots", and "Rainproof in 30 minutes" to the front
- Reduced rainproof claim to 30 minutes

Should you have any questions, please contact Dr. Russ Schneider at our Washington office (202) 383-2466, or me directly at (314) 694-8785 or rhonda.m.mannion@monsanto.com.

Sincerely,

Rhonda M. Mannion
Registration Manager

cc: R. Schneider / DC Office
T. Schafer / A2ND
M. Brown / A2ND
D. Hinton / A2ND
File copy



United States
Environmental Protection Agency
 Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide – Section I

1. Company/Product Number EPA Reg. No. 71995-25	2. EPA Product Manager Jim Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Roundup Weed & Grass Killer Super Concentrate	PM # 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company 1300 I (Eye) Street, N.W., Suite 450 East Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section – II

<input type="checkbox"/> Amendment – Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated
<input checked="" type="checkbox"/> Resubmission in response to Agency letter dated	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification – Explain below.	<input type="checkbox"/> Other – Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission of Final Printed Label and new claim.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section – III

1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) <u>Plant Cells</u>		
<input checked="" type="checkbox"/> Certification must submitted		If "Yes" Unit Packaging wgt.	No. per Container	If "Yes" Package wgt.	No. per Container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container Various		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section – IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Dr. Russ Schneider		Title Director, Regulatory Affairs		Telephone No. (Include Area Code) (202) 383-2866	
Certification <i>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</i>					
2. Signature <i>Rhonda M. Mannion</i>		3. Title Registration Manager		6. Date Application Received (Stamped) 	
4. Typed Name Rhonda M. Mannion 314/ 694-8785		5. Date 14 July 2004			

NOT REVIEWED
In Accordance with PR Notice 82-2.
Based on Draft Labeling Dated

9/24/02

BEST ROUNDUP CONCENTRATE VALUE!

**KILLS
The ROOTS!**

Roundup

WEED & GRASS KILLER
SUPER CONCENTRATE

**The Strongest Roundup
Product You Can Buy!
RAIN-PROOF IN 30 MINUTES**

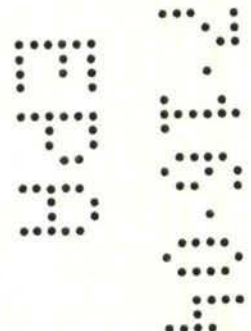
5007
Active ingredient:
Glyphosate, isopropylamine salt..... 50.2%
Other ingredients..... 49.8%

KEEP OUT OF
REACH OF CHILDREN
See back panel booklet for
additional precautionary statements. **CAUTION**
NET 32 FL OZ (1 QT)

041001

file: 41058/front label
folder: 41058/Monsanto/21180B5-7
colors: black, pms 2607, pms 485, pms 362, pms 430, pms yellow
bar code: ITF var. 25%, -58 mics

created: by customer
alt: 09-15-03 cf



When To Replant

- All ornamental flowers, trees and shrubs and the following berries, fruits, vegetables and herbs may be planted **1 day after** application: Artichoke (Jerusalem), beans (all), beet greens, blackberry, blueberry, boysenberry, broccoli, brussels sprouts, cabbage (all), carrot, cauliflower, celery, chard (Swiss), chicory, collards, cranberry, currant, dewberry, elderberry, endive, gooseberry, horseradish, huckleberry, kale, kohlrabi, leek, lentils, lettuce, loganberry, mustard greens, okra, olallieberry, onion, parsley, parsnips, potato, radish, rape greens, raspberry (black and red), rhubarb, rutabaga, spinach, sweet potato, turnip and yams.
- The following fruits, vegetables and herbs may be planted **3 days after** application:
Corn, cucumber, eggplant, garlic, gourds, melons (all), peas (all), peppers (all), pumpkin, squash (summer and winter), tomatillo, tomato (by seed) and watercress.
- Lawn grasses may be planted **7 days after** application.
- Tomatoes from transplant and unlisted fruits, vegetables and herbs may be planted **30 days after** application.

How It Works

Roundup enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found in plants. Any product not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

Satisfaction Guaranteed or your money back with proof of purchase.

**NO ROOT.
NO WEED.
NO PROBLEM.®**

3

Roundup® Weed & Grass Killer
Super Concentrate

OPEN
Resealable Label
for Directions &
Precautions

RAIN-PROOF® IN 30 MINUTES
For Control That Won't Wash Away

PRODUCT FACTS

Makes up to 21 Gallons
Treats up to 6,300 sq ft.

KILLS WEEDS



ALL TYPES OF WEEDS & GRASSES

WHERE TO USE

- ✓ On patios, walkways, driveways, gravel or mulch beds
- ✓ Around fruits, vegetables, flowers, shrubs or trees
- ✓ Along fences
- ✓ In large areas – For lawn replacement
– For garden plot preparation

AMOUNT TO USE

For Best Results –
2½ fl oz (5 Tbs) per gallon of water



Questions, Comments or Medical Information:
Call 1-800-246-7219

www.roundup.com



For easy to kill weeds such as seedlings add, 1½ fl oz (3 Tbs) to 1 gallon of water.

This bottle contains an anti-theft device, either inside or on the back of the bottle. It does not affect Roundup's performance.

Manufactured for
Monsanto Company, Lawn & Garden Products
P.O. Box 418, Marysville, OH 43041
PPN 5004
EPA Reg. No. 71995-25
EPA Est. 239-1A-3¹, 58996-MO-1^A
Superscript is first letter of lot number.
Made in USA

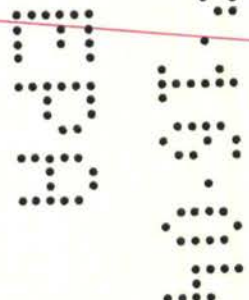


0 70183 50001 7

1030



041107



DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS

Tank Sprayer (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)

- Add 2½ fl oz (5 Tbs) to 1 gallon of water.
- Spot treat or spray evenly over 300 sq ft.

Hose-End Sprayer

For large areas, consider using the **Ortho® Dial 'n Spray®**

- Set dial to 2½ oz.
- To sprayer jar add 2½ fl oz (5 Tbs) for each 300 sq ft. **DO NOT** add water.
- Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

1 Tablespoon (Tbs) = 3 teaspoons (tsp)

1 fl oz = 2 Tbs

For easy to kill weeds such as seedlings, add 1½ fl oz (3 Tbs) to 1 gallon of water.

Do not apply with a galvanized or unlined steel (except stainless steel) sprayer or through any irrigation system.

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

How To Apply

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a piece of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

Important: Do not spray plants or grasses you like – they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

When To Apply

- Apply when weeds are actively growing.
- For best results, apply during warm, sunny weather (above 60° F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- **RAIN-PROOF:** Rain or watering 30 minutes after application will not wash away effectiveness.
- If used to control weeds around fruit or nut trees, caneberries, or grapevines, allow 17 days before harvesting.

Additional Tips

To Kill Vines

- If vines are growing up poles, fences or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
- If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a piece of cardboard or plastic.

To Kill Bamboo

- Cut canes close to the ground.
- Make cut just below a stem joint to create a hollow stem reservoir.
- Pour 1 Tbs of undiluted product into the hollow stem reservoir.
- Browning of the canes will occur in 7 to 14 days.
- Spray foliage if regrowth occurs.

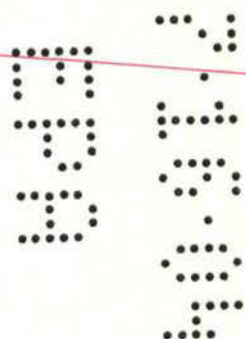
To Kill Stumps

- Cut living stump close to ground.
- Drive 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

For Lawn Replacement

Use Roundup to kill lawn and weeds before planting new lawn.

- Skip one mowing before spraying.
- Use 2½ fl oz (5 Tbs) per gallon of water for each 300 sq ft.
- If soil is dry, water before application and 2 to 3 days after application.
- If green patches remain after 7 days, reapply.
- Wait 7 days after last application to rake, till or replant with seed or sod.





041102

**Weed & Grass Killer
Super Concentrate****STORAGE AND DISPOSAL****STORAGE:** Store in original container in a safe place away from direct sunlight.**DISPOSAL: Empty Container:** Do not reuse container. Put in trash.(Recycle where available.) **Partially Full Container:** Call your local waste disposal service or 1-800-CLEANUP. Never pour product down any drain.**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS & DOMESTIC ANIMALS****CAUTION:** Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

People and pets may enter treated areas after spray has dried.

FIRST AID**If in
eyes**

- Hold eye open and rinse slowly and gently for 15-20 minutes.
- Remove contact lenses, if present, after first 5 minutes, then continue rinsing.
- Call a poison control center, 1-800-246-7219, or doctor for treatment advice.

Emergency Medical Information

- Have the product container or label with you when calling a poison control center or doctor, or going for treatment. • You may contact 1-800-246-7219 for emergency medical treatment information.
- This product is identified as **Roundup Weed & Grass Killer Super Concentrate, EPA Reg. No. 71995-25.**

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water.

Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.**Questions, Comments or Medical Information:**
Call 1-800-246-7219 www.roundup.com

This product is protected by U.S. Patent Nos. 5,683,958; 5,703,015; 6,063,733; 6,121,199; and 6,121,200. No license granted under any non-U.S. patent(s). This is an end-use product. Monsanto does not intend and has not registered it for reformulation or repackaging. Roundup is a trademark of Monsanto Technology LLC.

© 2004 MONSANTO COMPANY

Manufactured for Monsanto Company, Lawn & Garden Products

P.O. Box 418, Marysville, OH 43041

PPN 5004

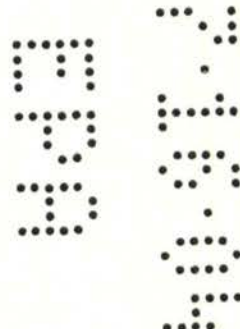
EPA Reg. No. 71995-25

EPA Est. 239-IA-3, 58996-MO-1A

Superscript is first letter of lot number.

PRESS TO RESEAL

Made in USA





MONSANTO COMPANY
600 13TH STREET, N.W.
SUITE 660
WASHINGTON, D.C. 20005
<http://www.monsanto.com>

November 5, 2003

file

Office of Pesticide Programs (OTHER)
Document Processing Center (7504C)
U.S. Environmental Protection Agency
Crystal Mall #2, Room 266A
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

Attention: Mr. James A. Tompkins
Team Leader (25)

Subject: **Roundup® Weed & Grass Killer Super Concentrate, (EPA Reg. No. 71995-25)**
Submission of Final Printed Label Booklet

Dear Mr. Tompkins:

Monsanto is submitting for your files, five (5) copies of the revised final printed label booklet for **Roundup® Weed & Grass Killer Super Concentrate, (EPA Reg. No. 71995-25, Print Plate Nos. 21180A4-22 (026901) and 21180A3-23 (057800).** This is the second printing based on the EPA stamped label dated January 14, 2002. The front cover of the final printed label does not change, and is submitted for reference only. The back section of the label replaces print plate # 21180A3-23 (027001), which was submitted July 16, 2002, and changes are noted below:

- Added anti-theft device language

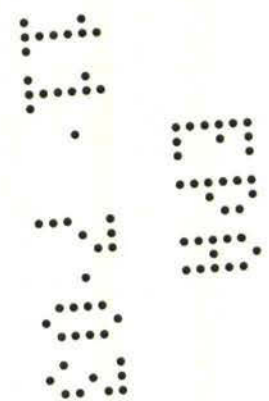
Should you require any additional information or have any questions regarding this submission, please contact Dr. Russ Schneider at our Washington office (202)783-2866 or me directly at (314)694-3285, trstan@Monsanto.com.

Sincerely,

Tonya R. Staniforth

Tonya R. Staniforth
Registration Specialist

cc: Vickie Walters
Russ Schneider
Jerry Lambert
File Copy





United States
Environmental Protection Agency
 Washington, DC 20460

☐ **Registration**
☐ **Amendment**
☒ **Other**

OPP Identifier Number
296729

Application for Pesticide – Section I

1. Company/Product Number Monsanto Company EPA Registration 71995-25	2. EPA Product Manager James A. Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Monsanto Company, Roundup Weed & Grass Killer Super Concentrate	PM # 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company 600 13 th St., N.W., Suite 660 Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section – II

<input type="checkbox"/> Amendment – Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification – Explain below.	<input checked="" type="checkbox"/> Other – Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
 Submission of Final Printed Label Booklet

Section – III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
				<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify)	
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per Container		If "Yes" Package wgt. No. per Container	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section – IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Russell P. Schneider, Ph.D.	Title Director, Regulatory Affairs	Telephone No. (Include Area Code) (202) 383-2866	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Registration Specialist		
4. Typed Name Tonya R. Staniforth	5. Date November 5, 2003		

NOT REVIEWED
In Accordance with PR Notice 83-2.
Based on Draft Labeling Dated

7/16/02



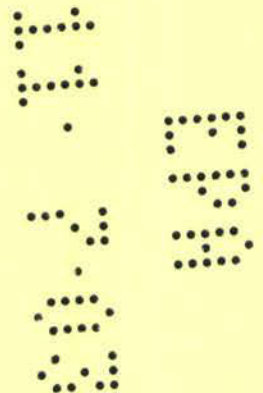
Roundup
WEED & GRASS KILLER
SUPER CONCENTRATE
**NO ROOT.
NO WEED.
NO PROBLEM.™**

PPN 21180A4 -22 (026901)



Active Ingredient
Glyphosate, isopropylamine salt..... 50.2%
Other Ingredients..... 49.8%

KEEP OUT OF
REACH OF CHILDREN
See back panel booklet for
additional precautionary statements. **CAUTION**
NET 53.7 FL OZ (0.42 GAL)





Weed & Grass Killer Super Concentrate

OPEN
Resealable Label
for Directions &
Precautions



PRODUCT FACTS

Makes up to 35 Gallons

Treats up to 10,500 sq ft.

KILLS WEEDS



ALL TYPES OF WEEDS & GRASSES

WHERE TO USE

- ✓ On patios, walkways, driveways, gravel or mulch beds
- ✓ Around fruits, vegetables, flowers, shrubs or trees
- ✓ Along fences
- ✓ In large areas – For lawn replacement
– For garden plot preparation

AMOUNT TO USE

For Best Results –

2 1/2 fl oz (5 Tbs) per gallon of water



Questions, Comments or Medical Information:
Call 1-800-246-7219

www.roundup.com



For easy to kill weeds such as seedlings
add 1 1/2 fl oz (3 Tbs) to 1 gallon of water.

This bottle contains an anti-theft device, either inside or on the back of the
bottle. It does not affect Roundup performance.

© 2002 MONSANTO COMPANY

Manufactured for

Monsanto Company, Lawn & Garden Products

P.O. Box 418

Marysville, OH 43041

PPN 21180A3-23 (057800)

EPA Reg. No. 71995-25

EPA Est. 239-1A-3¹, 58996-MO-1^A

Superscript is first letter of lot number.

Made in USA



0 70183 59002 5

52

9001

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS

Tank Sprayer (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)

- Add 2-1/2 fl oz (5 Tbs) to 1 gallon of water.
- Spot treat or spray evenly over 300 sq ft.

Hose-End Sprayer

For large areas consider using the **ORTHO® Dial 'n Spray®**

- Set dial to 2-1/2 oz.
- To sprayer jar add 2-1/2 fl oz (5 Tbs) for each 300 sq ft. **DO NOT** add water.
- Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

1 Tablespoon (Tbs) = 3 teaspoons (tsp) 1 fl oz = 2 Tbs

For easy to kill weeds such as seedlings add 1-1/2 fl oz (3 Tbs) to 1 gallon of water.

Do not apply with a galvanized or unlined steel (except stainless steel) sprayer or through any irrigation system.

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

How To Apply

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a piece of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

Important: Do not spray plants or grasses you like - they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

When To Apply

- Apply when weeds are actively growing.
- For best results, apply during warm, sunny weather (above 60°F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- **RAIN-PROOF:** Rain or watering 2 hours after application will not wash away effectiveness.
- If used to control weeds around fruit or nut trees, canberries, or grapevines, allow 17 days before harvesting.

Additional Tips

To Kill Vines

- If vines are growing up poles, fences or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
- If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a piece of cardboard or plastic.

To Kill Bamboo

- Cut canes close to the ground.
- Make cut just below a stem joint to create a hollow stem reservoir.
- Pour 1 Tbs of undiluted product into the hollow stem reservoir.
- Browning of the canes will occur in 7 to 14 days.
- Spray foliage if regrowth occurs.

To Kill Stumps

- Cut living stump close to ground.
- Drive 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

For Lawn Replacement

Use Roundup to kill a lawn and weeds before planting new lawn.

- Skip one mowing before spraying.
- Use 2-1/2 fl oz (5 Tbs) per gallon of water for each 300 sq ft.
- If soil is dry, water before application and 2 to 3 days after application.
- If green patches remain after 7 days, reapply.
- Wait 7 days after last application to rake, till or replant with seed or sod.

When To Replant

- All ornamental flowers, trees and shrubs and the following berries, fruits, vegetables and herbs may be planted **1 day after** application:

Artichoke (Jerusalem), beans (all), beet greens, blackberry, blueberry, boysenberry, broccoli, brussels sprouts, cabbage (all), carrot, cauliflower, celery, chard (Swiss), chicory, collards, cranberry, currant, dewberry, elderberry, endive, gooseberry, horseradish, huckleberry, kale, kohlrabi, leek, lentils, lettuce, loganberry, mustard greens, okra, olallieberry, onion, parsley, parsnips, potato, radish, rape greens, raspberry (black and red), rhubarb, rutabaga, spinach, sweet potato, turnip and yams.

- The following fruits, vegetables and herbs may be planted **3 days after** application:

Corn, cucumber, eggplant, garlic, gourds, melons (all), peas (all), peppers (all), pumpkin, squash (summer and winter), tomatillo, tomato (by seed) and watercress.

- Lawn grasses may be planted **7 days after** application.
- Tomatoes from transplant and unlisted fruits, vegetables and herbs may be planted **30 days after** application.

How It Works

Roundup enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found in plants. Any product not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

Satisfaction Guaranteed or your money back with proof of purchase.



**Weed & Grass Killer
Super Concentrate**

STORAGE AND DISPOSAL

STORAGE: Store in original container in a safe place.

DISPOSAL: **Empty Container:** Do not reuse container. Put in trash. (Recycle where available). **Partially Full Container:** Call your local waste disposal service or 1-800-CLEANUP. Never pour product down any drain.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.



People and pets may enter treated area after spray has dried.

FIRST AID

If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently for 15-20 minutes.• Remove contact lenses, if present, after first 5 minutes, then continue rinsing eyes.• Call a poison control center 1-800-246-7219 or doctor for treatment advice.
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Emergency Medical Information:

- Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
- You may contact 1-800-246-7219 for emergency medical treatment information.
- This product is identified as **Roundup Weed & Grass Killer Super Concentrate, EPA Reg. No. 71995-25.**

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters. **NOTICE:** Buyer assumes all responsibility for safety and use not in accordance with directions.



Questions, Comments or Medical Information:
Call 1-800-246-7219 www.roundup.com

This product is protected by U.S. Patents No. 5,683,958 and No. 5,703,015 and No. 6,063,733 and No. 6,121,199 and No. 6,121,200. No license granted under any non-U.S. patent(s).

This is an end-use product. Monsanto does not intend and has not registered for reformulation or repackaging.

Roundup is a trademark of Monsanto Technology LLC.

© 2002 MONSANTO COMPANY

Manufactured for Monsanto Company, Lawn & Garden Products

P.O. Box 418, Marysville, OH 43041

PPN 21180A3-23 (057800)

EPA Reg. No. 71995-25 EPA Est. 239-1A-3¹, 58996-MO-1^A

Superscript is first letter of lot number. Made in USA

PRESS TO RESEAL



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

SEP 24 2002

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Rhonda M. Mannion
Monsanto Company
600 13th Street, N. W., Suite 660
Washington, DC 20005

Dear Ms. Mannion:

Subject: Roundup Weed & Grass Killer Super Concentrate
EPA Registration No. 71995-25
Your Application Dated June 25, 2002

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended is acceptable. Amended labeling supercedes all previously accepted ones. A stamped copy of labeling is enclosed for your records.

Sincerely,

James A. Tompkins
James A. Tompkins
Product Manager 25
Herbicide Branch
Registration Division (7505C)

[Editorial Notes: Bracketed text [] is for internal use or serves as a 'place holder' for graphics. Parenthetical text () denotes optional wording.]

[Refer to APPENDIX 1 for consolidated list of label claims.]

[Refer to APPENDIX 2 for packaging related claims/instructions]

Roundup® Weed & Grass Killer Super Concentrate

Alternate Brand Names: Roundup Pull N' Spray Refill Super Concentrate
Roundup Pull N' Spray II Refill Super Concentrate

Active Ingredient

Glyphosate, isopropylamine salt 50.2 %

Other Ingredients 49.8 %

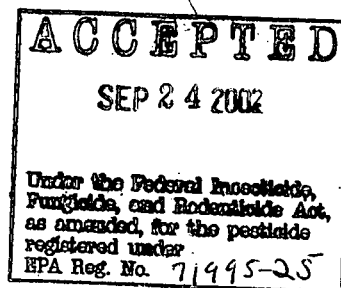
KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel booklet for additional precautionary statements.

(Read precautions and directions on back label.)

NET []



Product Facts

Treats up to xx sq ft (approx. size of XX tennis courts)

[When calculating coverage, one gallon treats 300 sq ft and a tennis court is 2,106 sq ft.]

KILLS WEEDS *[Illustrate grassy, broadleaf and woody weeds]*
ALL TYPES OF WEEDS & GRASSES

WHERE TO USE

- On patios, walkways, driveways, gravel or mulch beds
- Around fruits, vegetables, flowers, shrubs or trees
- Along fences
- In large areas - For lawn replacement
- For garden plot preparation
- Other areas in your yard

AMOUNT TO USE **For best results**

- 2½ fl oz (5 Tbs) per gallon of water (for established or tough weeds)

[For Roundup Pull N' Spray (II) Refill Super Concentrate]

To refill Roundup Pull N' Spray (II)

- Empty entire contents (6.5 oz) into empty 1.33 gallon Roundup Pull N' Spray (II) container and fill with water.

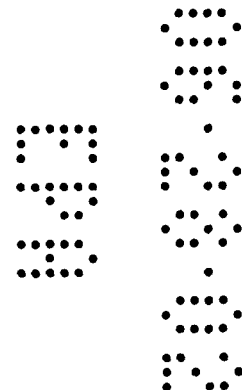
[phone icon] **Questions, Comments or Medical Information**
call (insert contact #) www.roundup.com

[For products where an anti-theft device has been added]

This bottle contains an anti-theft tag, either inside or on the back of the bottle. It does not affect Roundup's performance.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.



MIXING INSTRUCTIONS*[optional tank sprayer illustration]***Tank Sprayer** (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)

- For easy to kill weeds such as seedlings, add 1½ fl oz (3 Tbs) to 1 gallon of water
- (For tough established weeds / For best results,) add 2½ fl oz (5 Tbs) to 1 gallon of water
- Spot treat or spray evenly over 300 sq ft.

*[optional DNS illustration]***Hose-End Sprayer**

For large areas consider using the Ortho Dial 'n Spray®

- Set dial to 2½ oz.
- To sprayer jar add 2½ fl oz (5 Tbs) for each 300 sq ft. DO NOT add water.
- Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

*[optional PNS (II) illustration]***Roundup Pull N' Spray (II)**

- Add entire contents of 6.5 fl oz (13 Tbs) Roundup Pull N' Spray (II) Refill Super Concentrate to the empty Roundup Pull N' Spray (II) container and fill with water.

OR

- Add 6.5 fl oz (13 Tbs) Roundup Super Concentrate to the empty Roundup Pull N' Spray (II) container and fill with water.

1 Tablespoon (Tbs) = 3 teaspoons (tsp)

1 fl oz = 2 Tbs

Do not (mix, store or) apply with (in) a galvanized or unlined steel (except stainless steel) sprayer, or through any irrigation system.

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

HOW TO APPLY *[optional illustration]*

- Spray the weeds or grasses you want to kill until thoroughly wet.

- When spot treating weeds around desirable plants, shield plants from drift with a sheet (piece) of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

IMPORTANT

Do not spray plants or grasses you like - they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

WHEN TO APPLY *[optional illustration]*

- Apply when weeds are actively growing. (Use anytime weeds and grasses are actively growing.)
- For best results, apply during warm, sunny weather (above 60° F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- *[insert brand name]* is Rainproof in 2 hours (30, 45, 60, or 90 minutes; 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes)
- (RAIN-PROOF:) Rain or watering 2 hours (30, 45, 60, or 90 minutes; 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes) after application will not wash away effectiveness.
- *[optional text]* Apply when weeds are small and before seeds form. Established (Hard to kill) weeds may require a repeat application.
- If used to control weeds around fruit or nut trees, caneberries, or grapevines, allow 17 days before harvesting.

ADDITIONAL TIPS *[optional illustration]*

- **To Kill Vines**
 - If vines are growing up poles, fences, or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
 - If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a sheet (piece) of cardboard or plastic
- **To Kill Bamboo**
 - Cut canes close to the ground.
 - Make cut just below a stem joint to create a hollow stem reservoir.
 - Pour 1 Tbs of undiluted product into the hollow stem reservoir.
 - Browning of the canes will occur in 7-14 days.
 - Spray foliage if regrowth occurs.
- **To Kill Stumps**
 - Cut living stump close to ground.
 - Drive (drill) 4 to 5 holes into freshly cut stump.

- Immediately pour undiluted product into holes.

- **For Lawn Replacement**

Use Roundup [*or insert brand name*] to kill a (an old) lawn and (its) weeds before planting (a) new lawn.

- Skip one mowing before spraying.
- Use 2½ fl oz (5 Tbs) per gallon of water for each 300 sq ft.
- If soil is dry, water before application and 2 to 3 days after application.
- If green patches remain after 7 days, reapply.
- Wait 7 days after last application to rake, till or replant with seed or sod.

(Alternate text)

- Wait 7 days for weeds and lawn to die. Repeat if necessary.
- Rake or till to prepare area for planting seed or sod.

- **Kudzu**

For best results, apply in mid to late summer when vines are mature and actively growing.

- **Wild Blackberry**

Spray anytime plants are actively growing. Dead canes should be cut down and removed. Reapplication is often required to kill deep roots.

- **Poison Ivy & Poison Oak**

Contact with these plants anytime of the year can cause an allergic reaction. Spray anytime plants are actively growing, but at least 4 weeks before the first killing frost in the fall. Reapply, if new growth appears. Handle dead plants with rubber gloves. Dispose of plants and rubber gloves in tightly sealed garbage bags.

- **For Flowerbed & Garden (Plot) Preparation**

Use Roundup [*or insert brand name*] to kill weeds, grasses and brush before planting flowers, fruits, vegetables or herbs.

- If soil is dry, water before application and 2 to 3 days after application.
- Apply evenly over treatment area.
- Wait the number of days indicated below before planting.

WHEN TO REPLANT [<i>optional illustration</i>]

- All ornamental flowers, trees and shrubs and the following berries, fruits, vegetables and herbs may be planted **1 day after** application:

Artichoke (Jerusalem), beans (all), beet greens, blackberry, blueberry, boysenberry, broccoli, brussels sprouts, cabbage (all), carrot, cauliflower, celery, chard (Swiss), chicory, collards, cranberry, currant, dewberry, elderberry, endive, gooseberry, horseradish, huckleberry, kale, kohlrabi, leek, lentils, lettuce, loganberry, mustard greens, okra, olallieberry, onion, parsley, parsnips, potato, radish, rape greens, raspberry (black and red), rhubarb, rutabaga, spinach, sweet potato, turnip and yams.

- The following fruits, vegetables and herbs may be planted **3 days after** application: Corn, cucumber, eggplant, garlic, gourds, melons (all), peas (all), peppers (all), pumpkin, squash (summer and winter), tomatillo, tomato (by seed) and watercress.
- Tomatoes from transplant and unlisted fruits, vegetables and herbs may be planted **30 days after** application.
- Lawn grasses may be planted **7 days after** application.

WHEN TO HARVEST *[optional illustration]*

If used to control weeds around fruits or nuts, allow the following number of days before harvesting:

- Citrus (citron, grapefruit, lemon, lime, mandarin, orange, tangelo and tangerine) – **1 day**.
- Nuts (almond, beechnut, cashew, chestnut, hazelnut, pecan, pistachio and walnut) – **3 days**.
- Apple, avocado, banana (plantains), berries (except cranberries), dates, figs, grapes, kiwi fruit, loquat, passion fruit, pear, persimmon, pomegranate and quince – **14 days**.
- Apricot, cherries, nectarine, olives, peach, plum and prunes – **17 days**.

(OR)

- If used to control weeds around fruit or nut trees, caneberries or grapevines, allow 17 days before harvesting.

HOW IT WORKS *[optional illustration]*

Roundup *[or insert brand name]* enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found in plants. Any product (Roundup) *[or insert brand name]* not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

[optional section]

KILLS ALL TYPES OF WEEDS & GRASSES *[optional illustration]*

Weeds (including): Artichoke thistle, beggarweed, black medic, blue mustard, blue toadflax, brassbuttons, broadleaf plantain, burclover, buttercup, Canada thistle, cattail, chickweed, cocklebur, common groundsel, common mullein, common plantain, common ragweed, creeping beggarweed, creeping-charlie, curly dock, dandelion, dog fennel, evening primrose, false dandelion, fiddleneck, field bindweed (wild morningglory), field pennycress, filaree, Florida pusley, garden spurge, henbit, horsetail, horseradish, horseweed/ marestail, iceplant, knapweed, knotweed, lambsquarters, lantana, little bittercress, London rocket, mallow, mayweed, milkweed, mouseear chickweed, narrowleaf (buckhorn) plantain, nightshade (silverleaf), oldenlandia, oxalis, Pennsylvania smartweed, pennywort, poison hemlock, prickly lettuce, primrose, prostrate spurge, puncturevine, ragweed, red clover, redroot pigweed,

shepherdspurse, smooth catsear, smooth pigweed, sowthistle, spotted spurge, tansy ragwort, tansymustard, teaweed, trumpet creeper, tumble mustard, Virginia creeper, white clover, whitetop, wild barley, wild mustard, wild oats, wild sweet potato, yellow starthistle, and other broadleaf weeds

Grasses (including): Annual bluegrass, annual ryegrass, bahiagrass, barnyardgrass, bentgrass, Bermudagrass, brome grass, Cogongrass, crabgrass, creeping bentgrass, dallisgrass, fall panicum, fescue, field sandbur, foxtail, goosegrass, guineagrass, Johnsongrass, Kentucky bluegrass, kikuyugrass, lovegrass, maidencane, nimblewill, nutsedge, orchardgrass, pampas grass, perennial ryegrass, purple nutsedge, quackgrass, sandspur, smooth brome grass, sprangletop, St. Augustinegrass, tall fescue, Texas panicum, Timothy, torpedograss, vaseygrass, witchgrass, yellow nutgrass, zoysia and other grassy weeds

Brush (Tough Weeds) Unwanted Tress, Shrubs & Vines (including):

Alder, ash, (quacking) aspen, bamboo, blackberry, bluegum eucalyptus, broom (French, Scotch), buckwheat, ceanothus, chamise, cherry, coyote brush, dewberry, elderberry, elm, eucalyptus, giant reed, hawthorn, hazel, honeysuckle, kudzu, locust, madrone, maple, oak, persimmon, poison oak, poison ivy, poplar, raspberry, sage, sagebrush, salmonberry, saltcedar, sassafras, sumac, sweetgum, tan oak, thimbleberry, tree tobacco, wild rose (multiflora) willow and other tough weeds

STORAGE AND DISPOSAL *[trash can illustration]*

STORAGE: Store in original container in a safe place away from direct sunlight.

DISPOSAL: Empty Container: Do not reuse container. Put in trash. (Recycle where available.) **Partially Full Container:** Call your local waste disposal service (or 1-800-CLEANUP). Never pour product down any drain.

HOW TO REFILL ROUNDUP READY-TO-USE CONTAINERS

- **24 fl oz Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 1 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **½ Gallon Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 2½ fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **Gallon Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 5 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **1.33 Gallon Roundup Weed & Grass Killer₁ Ready-To-Use PNS (II):**
To empty container add 6.5 fl oz of Roundup Super Concentrate then fill with water

very slowly to avoid foaming.

• **6L Roundup Weed & Grass Killer, Ready-To-Use:**

To empty container add 8 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.

• **2 Gallon Roundup Weed & Grass Killer, Ready-To-Use:**

To empty container add 10 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.

PRECAUTIONARY STATEMENTS *[optional illustration]*

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

[re-entry icon] People and pets may enter treated area after spray has dried.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently for 15-20 minutes. • Remove contact lenses, if present, after first 5 minutes, then continue rinsing. • Call a poison control center (insert contact #) or doctor for treatment advice.
Emergency Medical Information	
<ul style="list-style-type: none"> • Have the product container or label with you when calling a poison control center or doctor, or going for treatment. • You may contact (insert contact #) for emergency medical treatment information. • This product is identified as [insert brand name], EPA Reg. No. 71995-25 	

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

This product is protected by U.S. Patents No. 4,405,531 and No. 5,703,015 and No. 6,063,733 and No. 6,121,199 and No. 6,121,200. Other patents pending. No license granted under any non-U.S. patent(s).

This is an end-use product. Monsanto does not intend and has not registered it for

reformulation or repackaging.

<p>[<i>phone icon</i>] Questions, Comments or Medical Information call (insert contact #) www.roundup.com</p>

Roundup is a trademark of Monsanto Technology LLC

©[] MONSANTO COMPANY

Manufactured for
Monsanto Company, Lawn & Garden Products
P.O. Box 418
Columbus, OH 43216-0418
Form []
EPA Reg. No. 71995-25
EPA Est. 239-IA-3¹, 58996-MO-1^A
Superscript is first letter of lot number
Made in USA

APPENDIX 1 – Consolidated List of Label Claims
[Ordered alphabetically]

- 20% more concentrated
- 20% stronger
- 20% stronger to speed absorption to the root
- Absorbed into both broadleaf and grassy weeds
- Absorbs on contact, starts working immediately
- Also use for large jobs such as lawn renovation and vegetable and flower garden preparation
- Approved for most (many) lawn and garden uses.
- Before [weed graphics] / After [weed graphics]
- Begins absorbing on contact
- Can be used around (small) fruits and vegetables
- Can be used for habitat restoration, controlling exotic vegetation, and for site preparation of wildlife food plots.
- Can reseed or sod lawns 7 days after treatment
- Concentrated for extra value
- Covers up to 300 sq ft per gallon of spray
- Dead Weeds Guaranteed
- Dead Weeds Guaranteed or Your Money Back
- Does not have soil activity
- Economical
- Economical concentrate formula
- Easy to apply with an Ortho Dial 'n Spray®, hose-end, tank or (hand held) trigger sprayer
- Even if it rains – Roundup won't lose its effectiveness
- Exclusive Roundup formula
- FastAct™ (Technology)
- For control that doesn't (won't) wash away
- For general weed control - kills weeds and grasses in 2 to 4 weeks - roots and all
- Guaranteed same effective results even if it rains within an hour (hours)
- Improved extra strength formula
- Improved formula, completely kills even the toughest weeds and grasses
- Improved formulation -now RainFast - fast uptake
- Kills almost all (annual and perennial) weeds, grasses and other unwanted plants
- Kills existing weeds only, no residual activity in soil
- Kills more weeds in more places
- Kills over 100 weeds
- Kills the root so weeds don't come back
- Kills the roots of (both) broadleaf and grassy weeds
- Kills the weed you see and the root you don't
- Kills (to) the root
- Kills unwanted weeds and grasses, roots and all
- Kills weeds in flowerbeds, around trees, shrubs and fences, and on patios, paths,

- sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard.
- Kills weeds, roots and all
 - Lawns and gardens can be reseeded or planted soon after treatment
 - Make only what you need
 - Multipurpose grass and broadleaf weed control
 - NEW!
 - No odor
 - No root. No weed. No problem.
 - NOW!
 - Now a shorter wait for replanting!
 - Once it enters the plant, it won't wash off
 - Ornamental gardens can be reseeded or planted 1 day after treatment.
 - Only Roundup's effectiveness (exclusive formula) won't be washed away by rain or watering 2 hours (30, 45, 60, 90 minutes; 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes) after treatment
 - RainFast in hours (an hour) - enters the plant on contact
 - RAIN-PROOF™
 - RAIN-PROOF™ in one hour (two hours)
 - Rainproof in two hours (30, 45, 60, 90 minutes; 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes)) (for control that won't wash away)
 - Results in 24 hours
 - (Roundup) Kills the weed you see and the root others leave behind
 - Roundup kills weeds and grasses in – Patios – Driveways – Sidewalks – Gardens and other non-lawn areas
 - Satisfaction guaranteed or we will gladly refund purchase price
 - Satisfaction guaranteed or your money back with proof of purchase
 - Speeds absorption to the root for complete kill
 - Spray weeds (Use) in flowerbeds, around trees, shrubs and around fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard
 - Starts working immediately
 - Stronger
 - The Strongest Roundup you can buy
 - Tougher formula
 - Transorb technology speeds Roundup to the root to kill even tough weeds
 - Use around fruits and vegetables.
 - (Use) For Bamboo Control
 - (Use) For Brush Control
 - (Use) For General Weed Control: Use along fences, paths, patios, sidewalks and driveways, around trees, shrubs, ornamental plantings, flowerbeds, and buildings, and in brick and gravel walkways. Use to trim and edge landscape areas
 - (Use) For Landscaping: Use to prepare areas for planting of ornamentals, trees, shrubs, desert landscapes, rock gardens, flowerbeds or similar plantings
 - Use for large jobs like garden plot preparation and lawn replacement (renovation)
 - (Use) For Lawn Renovation
 - (Use) For Spot Spraying: Use in and around flowerbeds, ornamental, fruit and nut

- trees, grapevines, shrubs, fences, driveways and walkways
- (Use) For Stumps
- (Use) For Wildlife Areas: Use to prepare areas for planting wildlife food. Exotic or undesirable plants can be controlled to allow for planting or recovery of native plant species. Spot treatments can be made to selectively remove unwanted plants.
- (Use in) Apply with a Big Shot™ Multi-Purpose Sprayer or other tank sprayer, Ortho Dial 'n Spray® or other hose-end sprayer, or a (hand held) trigger sprayer
- Use to prepare sites: for large plantings, for planting flowerbeds, fruit trees, ornamentals, vegetables and gardens, and for renovating lawns
- Use to refill Roundup Ready-To-Use containers
- Visible effects are gradual wilting and yellowing advancing to complete browning and root destruction
- Visible results in 2 to 4 days (hours)
- Water based formula
- (Weeds) start dying in 1 day (24 hours)
- Won't wash away
- Won't wash off
- Works first time, every time
- Works only when absorbed by the foliage of weeds

- *[Promotional options]*
- Free [] with this purchase of Roundup concentrate quart
- [X] % Free (More)
- FREE REFILL
- FREE SAMPLE
- Free weed guide inside
- SAMPLE NOT FOR SALE
- Save up to \$[x] on (your) next purchase
- Value sized

APPENDIX 2 – Packaging Related Claims

NET xx fl oz (qt or gal) (xx mL or L)

6 fl oz (177 mL)

6.5 fl oz (192 mL)

8 fl oz (237 mL)

13 fl oz (384 mL)

16 fl oz (1 pt) (473 mL)

32 fl oz (1 qt) 946 mL)

40 fl oz (1.18 L)

53.7 fl oz (0.42 gal) (1.59 L)

64 fl oz (1.89 L)

128 fl oz (1 gal) (3.79 L)

[corner flap]

OPEN

Resealable Label for Directions & Precautions

PULL HERE TO OPEN LABEL

PEEL HERE

PEEL OPEN FOR USE DIRECTIONS AND FURTHER INFORMATION

PRESS TO RESEAL

[Net contents] Makes up to 'X' gallons

Makes between 'X' and 'Y' gallons

Mix with water to make 'X' gallons of spray solution

Covers up to 'Z' sq ft

Mix with water to cover up to 'Z' sq ft

 $[X = \text{net contents} \div 1.5]$ $[Y = \text{net contents} \div 2.5]$ $[Z = X * 300]$ *[6.5 oz PNS (II) Refill Super Concentrate]*

Pre-measured

Convenient

Refills (Refill for) (Roundup) Pull N' Spray (II)

Use to refill (Roundup) Pull N' Spray (II)

Refill (Roundup) Pull N' Spray (II) and save

Save money

Easy-to-pour

Refill

Makes one (1) refill for (Roundup) Pull N' Spray (II)

NEW

NOW

(Roundup) Pull N' Spray (II) Refill

Compare to the price of a new (Roundup) Pull N' Spray (II)

No mess
No messy clean-up
No measuring
Easy-to-use
Save time
Less waste
Treat more weeds for less money
Treat twice as many weeds for less money
Great (Excellent) (Outstanding) value
Value Refill Bottle
Pull N' Spray (II) Refill
More economical
Just pour
Quick and (&) Easy
Just pour and (&) add water
Hassle free
Simple
Just pour, fill, and (&) spray

[Pint] Makes up to 10 gallons
Makes between 6 – 10 gallons
Mix with water to make 10 gallons of spray solution
Covers up to 3,000 sq ft
Mix with water to cover up to 3,000 sq ft

[Quart] Makes up to 21 gallons
Makes between 12 – 21 gallons
Mix with water to make 21 gallons of spray solution
Covers up to 6,300 sq ft
Mix with water to cover up to 6,300 sq ft

[0.42 Gallon] Makes up to 35 gallons
Makes between 21 – 35 gallons
Mix with water to make 35 gallons of spray solution
Covers up to 10,500 sq ft
Mix with water to cover up to 10,500 sq ft

[Gallon] Makes up to 85 gallons
Makes between 51 – 85 gallons
Mix with water to 85 gallons of spray solution
Covers up to 25,500 sq ft
Mix with water to cover up to 25,500 sq ft

New! Larger size, covers up to ['Z'] sq ft

01711919151-11121511018217012		3. IS PUBLIC COMMENT NECESSARY <input type="checkbox"/> YES <input type="checkbox"/> NO		4. PETITION NO.		5. RECEIVED BY TEAM NO DAY YR	
6. METHOD OF SUPPORT <input type="checkbox"/> 1A <input type="checkbox"/> 1B <input type="checkbox"/> 1C		7. PRODUCT MANAGER		8. PROJECTED RETURN NO DAY YR		9. PROJECTED RETURN NO DAY YR	
10. DATE PULLED 9/24/02		11. ACTION TYPE Reverse Maturity Label 300		12. OUTGOING DATE NO DAY YR		13. OUTGOING DATE NO DAY YR	
REV TYPE CODE	REVIEW TYPE	REVIEWER CODE (Initials)	SIGNATURE OF REVIEWER	COM- MENT CODE	DATE REVIEW COMPLETED NO DAY YR		
					NO	DAY	YR
A	REVIEWABILITY TEAM						
B	PRODUCT MANAGER TEAM EFFICACY REVIEW						
C	PRODUCT MANAGER TEAM HUMAN SAFETY REVIEW						
D	PRODUCT MANAGER TEAM ENVIRONMENTAL SAFETY REVIEW						
E	PRODUCT MANAGER TEAM REGULATION REVIEW						
F	PRODUCT MANAGER						
G	INTERAGENCY REFERRAL						
H	COST-BENEFIT REVIEW						
I	PUBLIC COMMENTS REVIEW						
J	EEB BRANCH INVESTIGATIVE EFFICACY						
K	EEB BRANCH MONITORING EFFICACY						
L	EEB BRANCH FUNDING EFFICACY						
M	EEB BRANCH RECOGNITION EFFICACY						
N	EEB BRANCH DISSEMINATION EFFICACY						
O	CHEMISTRY BRANCH RESIDUE CHEMISTRY						
P	EEB BRANCH ENVIRONMENTAL CHEMISTRY						
Q	TOXICOLOGY BRANCH HUMAN SAFETY						
R	EEB BRANCH ENVIRONMENTAL SAFETY						
S							
T							
PRODUCT MANAGER SIGNATURE			TYPE OF RESPONSE			CODE	



United States
Environmental Protection Agency
 Washington, DC 20460

☐ Registration
☒ Amendment
☐ Other

OPP Identifier Number

295238

Application for Pesticide – Section I

1. Company/Product Number Monsanto Co./ EPA Registration 71995-25	2. EPA Product Manager James A. Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Monsanto Co./ Roundup Weed & Grass Killer Super Concentrate	PM # 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company 600 13 th St., N.W., Suite 660 Washington, DC 20005 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section – II

<input checked="" type="checkbox"/> Amendment – Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated
<input type="checkbox"/> Resubmission in response to Agency letter dated	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification – Explain below.	<input type="checkbox"/> Other – Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
 Submission of Master Label Amendment for EPA Registration No. 71995-25

Section – III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
* Certification must be submitted				<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify)	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section – IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Marsha C. Gray, Ph.D.		Title Registration Manager		Telephone No. (Include Area Code) (202) 383-2878	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 		3. Title Registration Manager			
4. Typed Name Rhonda M. Mannion		5. Date June 25, 2002			

A

MONSANTO



B

MONSANTO COMPANY

600 13TH STREET, N.W.

SUITE 660

WASHINGTON, D.C. 20005

<http://www.monsanto.com>

June 25, 2002

Office of Pesticide Programs (AMEND)
Document Processing Center (7504C)
U.S. Environmental Protection Agency
Crystal Mall #2, Room 266A
1921 Jefferson Davis Highway
Arlington, VA 22202

Attention: Mr. James A. Tompkins
Team Leader (25)

Subject: Roundup Weed & Grass Killer Super Concentrate
(EPA Reg. No. 71995-25)
Submission of Master Label Amendment

Dear Mr. Tompkins,

Monsanto is submitting (5) copies of the revised Roundup Weed & Grass Killer Super Concentrate master label, (EPA Reg. No. 71995-25). Revisions to the label text are highlighted, and based on the current approved label dated January 14, 2002.

The following documents are enclosed with this letter:

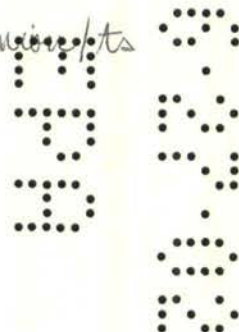
- Application for Pesticide (form 8570-1)
- Five (5) copies of the revised master label - unmarked
- One (1) copy of the revised master label - marked highlighting revisions to the current approved label

Should you require any additional information or have any questions regarding this label amendment, please contact Dr. Marsha Gray at our Washington office (202)783-2460 or me directly at (314)694-8785 rmmann@Monsanto.com.

Sincerely,

Rhonda M. Mannion
Rhonda M. Mannion

cc: V. Walters/EPA
M. Gray/DC office
D. Fee-White/A2NC
B. Kliewer/C3ND
File Copy





MONSANTO COMPANY

600 13TH STREET, N.W.

SUITE 660

WASHINGTON, D.C. 20005

<http://www.monsanto.com>

16 July 2002

Hand Delivered

Document Processing Center (OTHER)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2,
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

Attention: Mr. Jim Tompkins (7505C)
Product Manager (Team 25)

**Subject: Roundup® Weed & Grass Killer Super Concentrate (EPA Reg. No. 71995-25).
Submission of Final Printed Labels.**

Dear Mr. Tompkins:

Monsanto is submitting three (3) copies of the *Roundup® Weed & Grass Killer Super Concentrate* (print plate no. 21180A4-22 and 21180A3-23) final printed label. The label is based upon EPA stamped master label dated 14 January 2002 and is identical to the previous final printed label (print plate no. 21180Z1-41 and 21180Z1-43) with the following exceptions:

- The statement "Use anytime weeds and grasses are actively growing" was deleted because it was redundant.
- The brand name and registration number were added to the **First Aid Box**.

Should you have any questions, please contact Dr. Marsha Gray at our Washington office (202) 783-2460 or me directly at (314) 694-8785 or rmmann@monsanto.com.

Sincerely,

Rhonda M. Mannion
Registration Manager

cc: Marsha Gray / DC Office
T. Schafer / A2ND
File copy

Enclosure





United States
Environmental Protection Agency
 Washington, DC 20460

☐ **Registration**
☐ **Amendment**
☒ **Other**

OPP Identifier Number

Application for Pesticide – Section I

1. Company/Product Number EPA Reg. No. 71995-25	2. EPA Product Manager Jim Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Roundup Weed & Grass Killer Super Concentrate	PM # 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company, Lawn & Garden Products 600 13 th St., N.W., Suite 660 Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section – II

<input type="checkbox"/> Amendment – Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated
<input checked="" type="checkbox"/> Resubmission in response to Agency letter dated	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification – Explain below.	<input checked="" type="checkbox"/> Other – Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
 Submission of final printed label.

Section – III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
* Certification must be submitted				<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) <u>Plant Cells</u>	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container Various		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section – IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Dr. Marsha C. Gray		Title Registration Manager		Telephone No. (Include Area Code) (202) 783-2460	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.				6. Date Application Received (Stamped) 	
2. Signature		3. Title Registration Manager			
4. Typed Name Rhonda M. Mannion 314/ 694-8785		5. Date 16 July 2002			

**THE
STRONGEST
ROUNDUP
YOU CAN BUY!**

Roundup
WEED & GRASS KILLER

SUPER CONCENTRATE

**NO ROOT.
NO WEED.
NO PROBLEM.**

NOT REVIEWED
According to PR Notice 82-8
Based on Draft Labeling Dated

1/14/02

PPN 21180A4 -22 (026901)



Active Ingredient
Glyphosate, isopropylamine salt 50.2%
Other Ingredients 49.8%

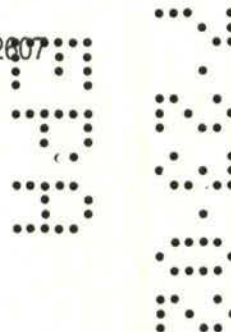
**KEEP OUT OF
REACH OF CHILDREN
CAUTION**
See back panel booklet for
additional precautionary statements.
NET 53.7 FL OZ (0.42 GAL)



026900

file: 30197/front label/art
folder: 30197/monsanto/weed grass front
bar code: Itf Var. -39 mics, 25%
colors: black, green 362, grey 430, red 485, pantone yellow, purple 2607

created: 11-30-01 es
alt:



DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS

Tank Sprayer (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)

- Add 2-1/2 fl oz (5 Tbs) to 1 gallon of water.
- Spot treat or spray evenly over 300 sq ft.

Hose-End Sprayer

For large areas consider using the **ORTHO® Dial 'n Spray®**

- Set dial to 2-1/2 oz.
- To sprayer jar add 2-1/2 fl oz (5 Tbs) for each 300 sq ft. **DO NOT** add water.
- Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

1 Tablespoon (Tbs) = 3 teaspoons (tsp) 1 fl oz = 2 Tbs

For easy to kill weeds such as seedlings add 1-1/2 fl oz (3 Tbs) to 1 gallon of water.

Do not apply with a galvanized or unlined steel (except stainless steel) sprayer or through any irrigation system.

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

How To Apply

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a piece of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

Important: Do not spray plants or grasses you like - they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

1

When To Apply

- Apply when weeds are actively growing.
- For best results, apply during warm, sunny weather (above 60°F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- **RAIN-PROOF:** Rain or watering 2 hours after application will not wash away effectiveness.
- If used to control weeds around fruit or nut trees, canberries, or grapevines, allow 17 days before harvesting.

Additional Tips**To Kill Vines**

- If vines are growing up poles, fences or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
- If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a piece of cardboard or plastic.

To Kill Bamboo

- Cut canes close to the ground.
- Make cut just below a stem joint to create a hollow stem reservoir.
- Pour 1 Tbs of undiluted product into the hollow stem reservoir.
- Browning of the canes will occur in 7 to 14 days.
- Spray foliage if regrowth occurs.

To Kill Stumps

- Cut living stump close to ground.
- Drive 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

For Lawn Replacement

Use Roundup to kill a lawn and weeds before planting new lawn.

- Skip one mowing before spraying.
- Use 2-1/2 fl oz (5 Tbs) per gallon of water for each 300 sq ft.
- If soil is dry, water before application and 2 to 3 days after application.
- If green patches remain after 7 days, reapply.
- Wait 7 days after last application to rake, till or replant with seed or sod.

When To Replant

- All ornamental flowers, trees and shrubs and the following berries, fruits, vegetables and herbs may be planted **1 day after** application:
Artichoke (Jerusalem), beans (all), beet greens, blackberry, blueberry, boysenberry, broccoli, brussels sprouts, cabbage (all), carrot, cauliflower, celery, chard (Swiss), chicory, collards, cranberry, currant, dewberry, elderberry, endive, gooseberry, horseradish, huckleberry, kale, kohlrabi, leek, lentils, lettuce, loganberry, mustard greens, okra, olallieberry, onion, parsley, parsnips, potato, radish, rape greens, raspberry (black and red), rhubarb, rutabaga, spinach, sweet potato, turnip and yams.
- The following fruits, vegetables and herbs may be planted **3 days after** application:
Corn, cucumber, eggplant, garlic, gourds, melons (all), peas (all), peppers (all), pumpkin, squash (summer and winter), tomatillo, tomato (by seed) and watercress.
- Lawn grasses may be planted **7 days after** application.
- Tomatoes from transplant and unlisted fruits, vegetables and herbs may be planted **30 days after** application.

How It Works

Roundup enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found in plants. Any product not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

Satisfaction Guaranteed or your money back with proof of purchase.



**Weed & Grass Killer
Super Concentrate**

OPEN
Resealable Label
for Directions &
Precautions

RAIN-PROOF™ IN TWO HOURS
FOR CONTROL THAT WON'T WASH AWAY

PRODUCT FACTS

Makes up to 35 Gallons
Treats up to 10,500 sq ft.

KILLS WEEDS

ALL TYPES OF WEEDS & GRASSES

WHERE TO USE

- ✓ On patios, walkways, driveways, gravel or mulch beds
- ✓ Around fruits, vegetables, flowers, shrubs or trees
- ✓ Along fences
- ✓ In large areas – For lawn replacement
– For garden plot preparation

AMOUNT TO USE

For Best Results –
2 1/2 fl oz (5 Tbs) per gallon of water



Questions, Comments or Medical Information:
Call 1-800-246-7219

www.roundup.com



For easy to kill weeds such as seedlings
add 1 1/2 fl oz (3 Tbs) to 1 gallon of water.

© 2002 MONSANTO COMPANY
Manufactured for
Monsanto Company, Lawn & Garden Products
P.O. Box 418
Marysville, OH 43041
PPN 21180A3-23 (027001)
EPA Reg. No. 71995-25
EPA Est. 239-1A-31, 58996-MO-1A
Superscript is first letter of lot number
Made in USA



0 70183 59002 5
9001



027001



027001

**Weed & Grass Killer
Super Concentrate****STORAGE AND DISPOSAL****STORAGE:** Store in original container in a safe place.**DISPOSAL: Empty Container:** Do not reuse container. Put in trash. (Recycle where available.) **Partially full container:** Call your local waste disposal service or 1-800-CLEANUP. Never pour product down any drain.**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS & DOMESTIC ANIMALS****CAUTION:** Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

People and pets may enter treated area after spray has dried.

FIRST AID**If in
eyes**

- Hold eye open and rinse slowly and gently for 15-20 minutes.
- Remove contact lenses, if present, after first 5 minutes, then continue rinsing eyes.
- Call a poison control center 1-800-246-7219 or doctor for treatment advice.

Emergency Medical Information:

- Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
- You may contact 1-800-246-7219 for emergency medical treatment information.
- This product is identified as **Roundup Weed & Grass Killer Super Concentrate**, EPA Reg. No. 71995-25.

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.**NOTICE:** Buyer assumes all responsibility for safety and use not in accordance with directions.**Questions, Comments or Medical Information:**
Call 1-800-246-7219 www.roundup.com

This product is protected by U.S. Patents No. 5,683,958 and No. 5,703,015 and No. 6,063,733 and No. 6,121,199 and No. 6,121,200. No license granted under any non-U.S. patent(s).

This is an end-use product. Monsanto does not intend and has not registered for reformulation or repackaging.

Roundup is a trademark of Monsanto Technology LLC.

© 2002 MONSANTO COMPANY

Manufactured for **Monsanto Company**, Lawn & Garden Products

P.O. Box 418, Marysville, OH 43041

PPN 21180A3-23 (027001)

EPA Reg. No. 71995-25 EPA Est. 239-1A-3¹, 58996-MO-1^A

Superscript is first letter of lot number Made in USA

PRESS TO RESEAL

MONSANTO



MONSANTO COMPANY

600 13TH STREET, N.W.

SUITE 660

WASHINGTON, D.C. 20005

PHONE (202) 783-2460

FAX (202) 783-2468

<http://www.monsanto.com>

11 February 2002

Hand Delivered

Document Processing Center (OTHER)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2,
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

Attention: Mr. Jim Tompkins (7505C)
Product Manager (Team 25)

**Subject: Roundup® Weed & Grass Killer Super Concentrate (EPA Reg. No. 71995-25).
Submission of Final Printed Labels.**

Dear Mr. Tompkins:

Monsanto is submitting three (3) copies of the *Roundup® Weed & Grass Killer Super Concentrate* (print plate no. 21180Z1-41 and 21180Z1-43) final printed label. The label is consistent with the EPA stamped master label dated 24 January 2002 with the following exceptions:

- The *Disposal* section has been modified to be consistent with PR Notice 2001-6. The following sentence has been removed: "If local law permits, put partially full container in trash."
- The non-efficacy claim "The Strongest Roundup you can buy!" has been added.

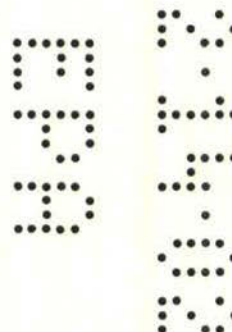
Should you have any questions, please contact Dr. Marsha Gray at our Washington office (202) 783-2460 or me directly at (314) 694-8785 or rmmann@monsanto.com.

Sincerely,

Rhonda M. Mannion
Registration Manager

cc: Marsha Gray / DC Office
F.A. Hedgecock
File copy

Enclosure





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide – Section I

1. Company/Product Number Monsanto Company/ EPA Registration No. 71995-25	2. EPA Product Manager Jim Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Roundup Weed & Grass Killer Super Concentrate	PM # 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company 600 13 th St., N.W., Suite 660 Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section – II

<input type="checkbox"/> Amendment – Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated
<input checked="" type="checkbox"/> Resubmission in response to Agency letter dated	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification – Explain below.	<input type="checkbox"/> Other – Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission of final printed labels

Section – III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per Container	If "Yes" Package wgt.	No. per Container
				<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) <u>Plant Cells</u>	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container Various		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section – IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Dr. Marsha Gray		Title Registration Manager		Telephone No. (Include Area Code) (202) 783-2460	
Certification <i>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</i>					6. Date Application Received (Stamped)
2. Signature 		3. Title Registration Manager			
4. Typed Name Rhonda M. Mannion 314/ 694-8785		5. Date 11 February 2002			

**THE STRONGEST
ROUNDUP
YOU CAN BUY!**

Roundup

WEED & GRASS KILLER
SUPER CONCENTRATE

**NO ROOT.
NO WEED.
NO PROBLEM.™**

PPN 2118021-41 (051400)



Active ingredient
Glyphosate isopropylamine salt 50.2%
Other ingredients 49.8%

**KEEP OUT OF
REACH OF CHILDREN
CAUTION**
See back panel booklet for
additional precautionary statements.
NET 64 FL. OZ. (1 1/2 GAL.)

Roundup Weed & Grass Killer
Super Concentrate

**RAIN-PROOF IN TWO
HOURS**
For Control. It May Wash Away.

PRODUCT FACTS

Makes up to 35 Gallons
Treats up to 10,700 sq ft (approx. size of 5 tennis courts)

KILLS WEEDS



ALL TYPES OF WEEDS & GRASSES

WHERE TO USE

- ✓ On patios, walkways, driveways, gravel or mulch beds
- ✓ Around fruits, vegetables, flowers, shrubs or trees
- ✓ Along fences
- ✓ In large areas - For lawn replacement
- For garden plot preparation

AMOUNT TO USE
For Best Results -
2 1/2 fl oz (5 Tbs) per gallon of water

Questions, Comments or Medical Information:
Call 1-888-ROUNDUP www.roundup.com

This bottle contains an anti-theft device, either inside or on the back of the bottle. It does not affect Roundup's performance.

© 2002 MONSANTO COMPANY

Manufactured for
Monsanto Company, Lawn & Garden Products
P.O. Box 1750
Columbus, OH 43216-1750
PPN 2118021-43 (051300)
EPA Reg. No. 71995-25
EPA Est. 239-PA-3, 56996-MO-1A
Superscript is first letter of lot number
Made in USA



0 70183 50085 7

1025

PRESS TO RESEAL

NOT REVIEWED
In Accordance with FR Notice 83-24
Filed on Draft Labeling Dated 1/24/02

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS

Tank Sprayer (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)

- Add 2-1/2 fl oz (5 Tbs) to 1 gallon of water.
- Spot treat or spray evenly over 300 sq ft.

Hose-End Sprayer

For large areas consider using the **ORTHO® Dial 'n Spray®**

- Set dial to 2-1/2 oz.
- To sprayer jar add 2-1/2 fl oz (5 Tbs) for each 300 sq ft. **DO NOT** add water.
- Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

1 Tablespoon (Tbs) = 3 teaspoons (tsp) 1 fl oz = 2 Tbs

For easy to kill weeds such as seedlings add 1-1/2 fl oz (3 Tbs) to 1 gallon of water.

Do not apply with a galvanized or unlined steel sprayer (except stainless steel) or through any irrigation system.

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

How To Apply

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a piece of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

Important: Do not spray plants or grasses you like - they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

When To Apply

- Apply when weeds are actively growing. Use anytime weeds and grasses are actively growing.
- For best results, apply during warm, sunny weather (above 60°F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- **RAIN-PROOF:** Rain or watering 2 hours after application will not wash away effectiveness.
- If used to control weeds around fruit or nut trees, caneberries or grapevines, allow 17 days before harvesting.

Additional Tips

To Kill Vines

- If vines are growing up poles, fences or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
- If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a piece of cardboard or plastic.

To Kill Bamboo

- Cut canes close to the ground.
- Make cut just below a stem joint to create a hollow stem reservoir.
- Pour 1 Tbs of undiluted product into the hollow stem reservoir.
- Browning of the canes will occur in 7-14 days.
- Spray foliage if regrowth occurs.

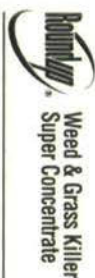
To Kill Stumps

- Cut living stump close to ground.
- Drive 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

For Lawn Replacement

Use Roundup to kill lawn and weeds before planting new lawn.

- Skip one mowing before spraying.
- Use 2-1/2 fl oz (5 Tbs) per gallon of water for each 300 sq ft.
- If soil is dry, water before application and 2 to 3 days after application.
- If green patches remain after 7 days, reapply.
- Wait 7 days after last application to rake, till or replant with seed or sod.



Weed & Grass Killer
Super Concentrate

STORAGE AND DISPOSAL

STORAGE: Store in original container in a safe place.
DISPOSAL: Empty Container: Do not reuse container. Put in trash. (Recycle where available.)
Partially Full Container: Call your local waste disposal service or 1-800-CLEANUP. Never pour product down any drain.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

 People and pets may enter treated area after spray has dried.

FIRST AID

If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently for 15-20 minutes. Continue rinsing.• Remove contact lenses, if present, after first 5 minutes, then continue rinsing.• Call a poison control center 1-888-768-6387 or doctor for treatment advice.
-------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Emergency Medical Information:

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-888-768-6387 for emergency medical treatment information.

ENVIRONMENTAL HAZARDS:

Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.



Questions, Comments or Medical Information:
Call 1-888-ROUNDUP www.roundup.com

This product is protected by U.S. Patents No. 5,703,015 and No. 5,683,958 and No. 6,063,733 and No. 6,121,199 and No. 6,121,200. No license granted under any non-U.S. patent(s).

This is an end-use product. Monsanto does not intend and has not registered for reformulation or repackaging.

Roundup is a trademark of Monsanto Technology, LLC.

© 2002 MONSANTO COMPANY

Manufactured for Monsanto Company, Lawn & Garden Products

P.O. Box 1750, Columbus, OH 43216-1750

PPN 21180Z1-43 (051300)

EPA Reg. No. 71995-25 EPA Est. 239-1A-31, 58996-MO-1A

Superscript is first letter of lot number Made in USA

PRESS TO RESEAL



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

7A 3-3

Application for Pesticide - Section I

1. Company/Product Number 71995-25	2. EPA Product Manager Mr. Jim Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Roundup Weed & Grass Killer Super Concentrate	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company 600 13th Street N.W., Suite 660 Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION

JAN 11 2002

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission of final printed labels.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to wilfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
If "Yes" Unit Packaging wgt. No. per container		If "Yes" Package wgt. No. per container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Dr. Marsha Gray	Title Registration Manager	Telephone No. (Include Area Code) (202) 783-2480	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Registration Manager		
4. Typed Name Rhonda M. Mannion	5. Date 19 December 2001		

NOTIFICATION

JAN 11 2002

FRONT

STRONGER!
DEAD WEEDS
GUARANTEED!

Roundup

WEED & GRASS KILLER

SUPER CONCENTRATE

**NO ROOT.
NO WEED.
NO PROBLEM.™**

PPN 2118025-10 (001801)

Active Ingredient
Glyphosate, isopropylamine salt 50.2%
Other Ingredients 49.8%

**KEEP OUT OF
REACH OF CHILDREN**

See back panel booklet for
additional precautionary statements. **CAUTION**

NET 128 FL. OZ (1 GAL)

PPN 2118025-10



**Weed & Grass Killer
Super Concentrate**

OPEN
Resealable Label
for Directions &
Precautions



PRODUCT FACTS

Makes up to 85 Gallons

Treats up to 25,500 sq ft (approx. size of 12 tennis courts)

**KILLS
WEEDS**



ALL TYPES OF WEEDS & GRASSES

**WHERE
TO USE**

- ✓ On patios, walkways, driveways, gravel or mulch beds
- ✓ Around fruits, vegetables, flowers, shrubs or trees
- ✓ Along fences
- ✓ In large areas – For lawn replacement
– For garden plot preparation

**AMOUNT
TO USE**

For Best Results –

2½ fl oz (5 Tbs) per gallon of water



Questions, Comments or Medical Information:
Call 1-888-ROUNDUP



www.roundup.com

This bottle contains an anti-theft device, either inside or on the back of the bottle. It does not affect Roundup's performance.

© 2001 MONSANTO COMPANY

Manufactured for

Monsanto Company, Lawn & Garden Products

P.O. Box 1750, Columbus, OH 43216

PPN 21180Z4-11 (040800)

EPA Reg. No. 71995-25

EPA Est. 239-1A-31, 58996-MO-1A

Superscript is first letter of lot number

Made in USA



0 87183 50042 0

1025

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS

Tank Sprayer (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)

- Add 2½ fl oz (5 Tbs) to 1 gallon of water.
- Spot treat or spray evenly over 300 sq ft.

Hose-End Sprayer

For large areas, consider using the **Ortho® Dial 'n Spray®**

- Set dial to 2½ oz.
- To sprayer jar add 2½ fl oz (5 Tbs) for each 300 sq ft. **DO NOT** add water.
- Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

1 Tablespoon (Tbs) = 3 teaspoons (tsp) 1 fl oz = 2 Tbs

For easy to kill weeds such as seedlings add 1½ fl oz (3 Tbs) to 1 gallon of water.

Do not apply with a galvanized or unlined steel (except stainless steel) sprayer or through any irrigation system.

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

How To Apply

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a piece of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

Important: Do not spray plants or grasses you like – they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

When To Apply

- Apply when weeds are actively growing. Use anytime weeds and grasses are actively growing.
- For best results, apply during warm, sunny weather (above 60°F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- **RAIN-PROOF:** Rain or watering 2 hours after application will not wash away effectiveness.
- If used to control weeds around fruit or nut trees, cranberries or grapevines, allow 17 days before harvesting.

Additional Tips

To Kill Vines

- If vines are growing up poles, fences or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
- If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a piece of cardboard or plastic.

To Kill Bamboo

- Cut canes close to the ground.
- Make cut just below a stem joint to create a hollow stem reservoir.
- Pour 1 Tbs of undiluted product into the hollow stem reservoir.
- Browning of the canes will occur in 7-14 days.
- Spray foliage if regrowth occurs.

To Kill Stumps

- Cut living stump close to ground.
- Drive 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

For Lawn Replacement

Use Roundup to kill lawn and weeds before planting new lawn.

- Skip one mowing before spraying.
- Use 2½ fl oz (5 Tbs) per gallon of water for each 300 sq ft.
- If soil is dry, water before application and 2 to 3 days after application.
- If green patches remain after 7 days, reapply.
- Wait 7 days after last application to rake, till or replant with seed or sod.

NOTIFICATION

JAN 11 2002

BACK



Weed & Grass Killer Super Concentrate

When To Replant

- All ornamental flowers, trees and shrubs and the following berries, fruits, vegetables and herbs may be planted **1 day after** application:
Artichoke (Jerusalem), beans (all), beet greens, blackberry, blueberry, boysenberry, broccoli, brussels sprouts, cabbage (all), carrot, cauliflower, celery, chard (Swiss), chicory, collards, cranberry, currant, dewberry, elderberry, endive, gooseberry, horseradish, huckleberry, kale, kohlrabi, leek, lentils, lettuce, loganberry, mustard greens, okra, olallieberry, onion, parsley, parsnips, potato, radish, rape greens, raspberry (black and red), rhubarb, rutabaga, spinach, sweet potato, turnip and yams.
- The following fruits, vegetables and herbs may be planted **3 days after** application:
Corn, cucumber, eggplant, garlic, gourds, melons (all), peas (all), peppers (all), pumpkin, squash (summer and winter), tomatillo, tomato (by seed) and watercress.
- Lawn grasses may be planted **7 days after** application.
- Tomatoes from transplant and unlisted fruits, vegetables and herbs may be planted **30 days after** application.

How It Works

Roundup enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found in plants. Any product not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

Satisfaction guaranteed or your money back with proof of purchase.

STORAGE AND DISPOSAL

STORAGE: Store in original container in a safe place.

© 2001 MONSANTO COMPANY

Manufactured for Monsanto Company, Lawn & Garden Products
P.O. Box 1750, Columbus, OH 43216
EPA Reg. No. 71995-25
EPA Est. 239-IA-3¹, 58996-MO-1^A Superscript is first letter of lot number

DISPOSAL: Empty Container: Do not reuse container. Put in trash. (Recycle where available.) **Partially Full Container:** Call your local waste disposal service or 1-800-CLEANUP. Never pour product down any drain.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.



People and pets may enter treated areas after spray has dried.

FIRST AID

If in
eyes

- Hold eye open and rinse slowly and gently for 15-20 minutes.
- Remove contact lenses, if present, after first 5 minutes, then continue rinsing.
- Call a poison control center 1-888-768-6387 or doctor for treatment advice.

Emergency Medical Information:

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-888-768-6387 for emergency medical treatment information. This product is identified as Roundup Weed & Grass Killer Super Concentrate, EPA Reg. No. 71995-25.

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.



Questions, Comments or Medical Information:
Call 1-888-ROUNDUP www.roundup.com

This product is protected by U.S. Patents No. 5,683,958 and No. 5,703,015 and No. 6,063,733 and No. 6,121,199 and No. 6,121,200. No license granted under any non-U.S. patent(s).

This is an end-use product. Monsanto does not intend and has not registered it for reformulation or repackaging.

Roundup is a trademark of Monsanto Technology LLC.

PPN 2118024-11 (040800)

Made in USA

PRESS TO RESEAL

PPN 2118024-11

NOTIFICATION

JAN 11 2002

FRONT

STRONGER!
DEAD WEEDS
GUARANTEED!


Roundup

WEED & GRASS KILLER[®]

SUPER CONCENTRATE

**NO ROOT.
NO WEED.
NO PROBLEM.™**

PPN 2118025-10 (001801)



Active Ingredient
Glyphosate, isopropylamine salt 50.2%
Other Ingredients 49.8%

**KEEP OUT OF
REACH OF CHILDREN**

See back panel booklet for
additional precautionary statements: **CAUTION**

NET 128 FL. OZ. (1 GAL)

PPN 2118025-10



Weed & Grass Killer
® Super Concentrate

OPEN
Resealable Label
for Directions &
Precautions



PRODUCT FACTS

Makes up to 85 Gallons

Treats up to 25,500 sq ft (approx. size of 12 tennis courts)

**KILLS
WEEDS**



ALL TYPES OF WEEDS & GRASSES

**WHERE
TO USE**

- ✓ On patios, walkways, driveways, gravel or mulch beds
- ✓ Around fruits, vegetables, flowers, shrubs or trees
- ✓ Along fences
- ✓ In large areas – For lawn replacement
– For garden plot preparation

**AMOUNT
TO USE**

For Best Results –

2½ fl oz (5 Tbs) per gallon of water



Questions, Comments or Medical Information:
Call 1-888-ROUNDUP

www.roundup.com



This bottle contains an anti-theft device, either inside or on the back of the bottle. It does not affect Roundup's performance.

© 2001 MONSANTO COMPANY

Manufactured for

Monsanto Company, Lawn & Garden Products

P.O. Box 1750, Columbus, OH 43216

PPN 21180Z4-11 (040800)

EPA Reg. No. 71995-25

EPA Est. 239-1A-3/ 58996-MO-1A

Superscript is first letter of lot number

Made in USA



0 9183 50042 0

1025

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS

Tank Sprayer (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)

- Add 2½ fl oz (5 Tbs) to 1 gallon of water.
- Spot treat or spray evenly over 300 sq ft.

Hose-End Sprayer

For large areas, consider using the **Ortho® Dial 'n Spray®**

- Set dial to 2½ oz.
- To sprayer jar add 2½ fl oz (5 Tbs) for each 300 sq ft. **DO NOT** add water.
- Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

1 Tablespoon (Tbs) = 3 teaspoons (tsp) 1 fl oz = 2 Tbs

For easy to kill weeds such as seedlings add 1½ fl oz (3 Tbs) to 1 gallon of water.

Do not apply with a galvanized or unlined steel (except stainless steel) sprayer or through any irrigation system.

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

How To Apply

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a piece of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

Important: Do not spray plants or grasses you like – they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

When To Apply

- Apply when weeds are actively growing. Use anytime weeds and grasses are actively growing.
- For best results, apply during warm, sunny weather (above 60°F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- **RAIN-PROOF:** Rain or watering 2 hours after application will not wash away effectiveness.
- If used to control weeds around fruit or nut trees, cranberries or grapevines, allow 17 days before harvesting.

Additional Tips

To Kill Vines

- If vines are growing up poles, fences or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
- If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a piece of cardboard or plastic.

To Kill Bamboo

- Cut canes close to the ground.
- Make cut just below a stem joint to create a hollow stem reservoir.
- Pour 1 Tbs of undiluted product into the hollow stem reservoir.
- Browning of the canes will occur in 7-14 days.
- Spray foliage if regrowth occurs.

To Kill Stumps

- Cut living stump close to ground.
- Drive 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

For Lawn Replacement

Use Roundup to kill lawn and weeds before planting new lawn.

- Skip one mowing before spraying.
- Use 2½ fl oz (5 Tbs) per gallon of water for each 300 sq ft.
- If soil is dry, water before application and 2 to 3 days after application.
- If green patches remain after 7 days, reapply.
- Wait 7 days after last application to rake, till or replant with seed or sod.

NOTIFICATION

JAN 11 2002

BACK



Weed & Grass Killer Super Concentrate

When To Replant

- All ornamental flowers, trees and shrubs and the following berries, fruits, vegetables and herbs may be planted **1 day after** application:
Artichoke (Jerusalem), beans (all), beet greens, blackberry, blueberry, boysenberry, broccoli, brussels sprouts, cabbage (all), carrot, cauliflower, celery, chard (Swiss), chicory, collards, cranberry, currant, dewberry, elderberry, endive, gooseberry, horseradish, huckleberry, kale, kohlrabi, leek, lentils, lettuce, loganberry, mustard greens, okra, olallieberry, onion, parsley, parsnips, potato, radish, rape greens, raspberry (black and red), rhubarb, rutabaga, spinach, sweet potato, turnip and yams.
- The following fruits, vegetables and herbs may be planted **3 days after** application:
Corn, cucumber, eggplant, garlic, gourds, melons (all), peas (all), peppers (all), pumpkin, squash (summer and winter), tomatillo, tomato (by seed) and watercress.
- Lawn grasses may be planted **7 days after** application.
- Tomatoes from transplant and unlisted fruits, vegetables and herbs may be planted **30 days after** application.

How It Works

Roundup enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found in plants. Any product not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

Satisfaction guaranteed or your money back with proof of purchase.

STORAGE AND DISPOSAL

STORAGE: Store in original container in a safe place.

© 2001 MONSANTO COMPANY

Manufactured for Monsanto Company, Lawn & Garden Products

P.O. Box 1750, Columbus, OH 43216

EPA Reg. No. 71995-25

EPA Est. 239-1A-31, 58996-MQ-1A¹ Superscript is first letter of lot number

DISPOSAL: Empty Container: Do not reuse container. Put in trash. (Recycle where available.) Partially Full Container: Call your local waste disposal service or 1-800-CLEANUP. Never pour product down any drain.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.



People and pets may enter treated areas after spray has dried.

FIRST AID

If in
eyes

- Hold eye open and rinse slowly and gently for 15-20 minutes.
- Remove contact lenses, if present, after first 5 minutes, then continue rinsing.
- Call a poison control center 1-888-768-6387 or doctor for treatment advice.

Emergency Medical Information:

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-888-768-6387 for emergency medical treatment information. This product is identified as Roundup Weed & Grass Killer Super Concentrate, EPA Reg. No. 71995-25.

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.



Questions, Comments or Medical Information:
Call 1-888-ROUNDUP www.roundup.com

This product is protected by U.S. Patents No. 5,683,958 and No. 5,703,015 and No. 6,063,733 and No. 6,121,199 and No. 6,121,200. No license granted under any non-U.S. patent(s).

This is an end-use product. Monsanto does not intend and has not registered it for reformulation or repackaging.

Roundup is a trademark of Monsanto Technology LLC.

PPN 2118024-11 (040800)

Made in USA

PRESS TO RESEAL

PPN 2118024-11

NOTIFICATION

JAN 11 2002

FRONT

STRONGER!
DEAD WEEDS
GUARANTEED!


Roundup

WEED & GRASS KILLER

SUPER CONCENTRATE

**NO ROOT.
NO WEED.
NO PROBLEM.™**

PPN 2118025-10 (001801)



Active Ingredient
Glyphosate, isopropylamine salt 50.2%
Other Ingredients 49.8%

**KEEP OUT OF
REACH OF CHILDREN**

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NET 128 FL OZ (1 GAL)

PPN 2118025-10



**Weed & Grass Killer
Super Concentrate**

OPEN
Resealable Label
for Directions &
Precautions

PRODUCT FACTS

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Treats up to 25,500 sq ft (approx. size of 12 tennis courts)

**KILLS
WEEDS**



ALL TYPES OF WEEDS & GRASSES

**WHERE
TO USE**

- ✓ On patios, walkways, driveways, gravel or mulch beds
- ✓ Around fruits, vegetables, flowers, shrubs or trees
- ✓ Along fences
- ✓ In large areas – For lawn replacement
– For garden plot preparation

**AMOUNT
TO USE**

For Best Results –

2½ fl oz (5 Tbs) per gallon of water



Questions, Comments or Medical Information:

Call 1-888-ROUNDUP

www.roundup.com



**RAIN-PROOF™ IN TWO
HOURS**
FOR CONTROL THAT WON'T WASH AWAY

This bottle contains an anti-theft device, either inside or on the back of the bottle. It does not affect Roundup's performance.

© 2001 MONSANTO COMPANY

Manufactured for

Monsanto Company, Lawn & Garden Products

P.O. Box 1750, Columbus, OH 43216

PPN 2118024-11 (040800)

EPA Reg. No. 71995-25

EPA Est. 239-1A-31, 58996-MO-1A

Superscript is first letter of lot number

Made in USA



0 9583 50042 0

1025

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NOTIFICATION

JAN 11 2002

BACK



Weed & Grass Killer Super Concentrate

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Satisfaction guaranteed or your money back with proof of purchase.

STORAGE AND DISPOSAL

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© 2001 MONSANTO COMPANY

Manufactured for Monsanto Company, Lawn & Garden Products
P.O. Box 1750, Columbus, OH 43216
EPA Reg. No. 71995-25
EPA Est. 239-IA-3/ 58996-MO-1A Superscript is first letter of lot number

DISPOSAL: Empty Container: Do not reuse container. Put in trash. (Recycle where available.) **Partially Full Container:** Call your local waste disposal service or 1-800-CLEANUP. Never pour product down any drain.

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HAZARDS TO HUMANS & DOMESTIC ANIMALS

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If in
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ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.



Questions, Comments or Medical Information:
Call 1-888-ROUNDUP www.roundup.com

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Roundup is a trademark of Monsanto Technology LLC.

PPN 21180Z4-11 (040800)

Made in USA

PRESS TO RESEAL

PPN 21180Z4-11

MONSANTO



MONSANTO COMPANY

600 13TH STREET, N.W.

SUITE 660

WASHINGTON, D.C. 20005

PHONE (202) 783-2460

FAX (202) 783-2468

<http://www.monsanto.com>

19 December 2001

Hand Delivered

Document Processing Center (NOTIF)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2,
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

NOTIFICATION

JAN 11 2002

Attention: Mr. Jim Tompkins
Product Manager (Team 25)

**Subject: Roundup® Weed & Grass Killer Super Concentrate (EPA Reg. No. 71995-25).
Submission of Final Printed Labels and Notification of Label Text Changes.**

Dear Mr. Tompkins:

Monsanto is submitting three (3) copies of the Roundup® Weed & Grass Killer Super Concentrate final printed label (print plate nos. 21180Z5-10 and 21180Z4-11). The "NEW" claim has been removed from the front label and the back label is the same as the notification master label submitted on 6 November 2001 with the following exceptions:

- The sentence "If local laws permit, put partially full container in trash." has been removed from the *Disposal* section to be consistent with PR Notice 2001-6.

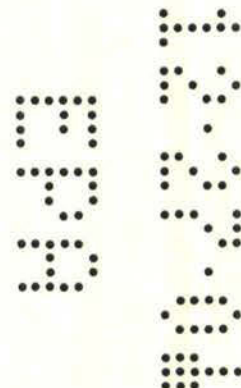
Should you have any questions, please contact Dr. Marsha Gray at our Washington office (202) 783-2460 or me directly at (314) 694-8785 or rmmann@monsanto.com.

Sincerely,

Rhonda M. Mannion
Registration Manager

cc: Marsha Gray / DC Office
File copy

Enclosure





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN 14 2002

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Rhonda M. Mannion
Monsanto Company
600 13th Street, N.W. Suite 660
Washington, DC 20005

Dear Ms. Mannion:

Subject: Roundup Weed & Grass Killer Super Concentrate (Add Statement Referring to Anti-Theft Device)
EPA Registration No. 71995-25
Your Application Dated November 8, 2001

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable. A stamped copy of labeling is enclosed for your records.

Sincerely,

James A. Tompkins
James A. Tompkins
Product Manager 25
Herbicide Branch
Registration Division (7505C)

[Editorial Notes: Bracketed text [] is for internal use or serves as a 'place holder' for graphics. Parenthetical text () denotes optional wording.]

[Refer to APPENDIX 1 for consolidated list of label claims.]

[Refer to APPENDIX 2 for packaging related claims/instructions]

Roundup® Weed & Grass Killer Super Concentrate

Alternate Brand Names: Roundup Pull N' Spray Refill Super Concentrate
Roundup Pull N' Spray II Refill Super Concentrate

Active Ingredient

Glyphosate, isopropylamine salt 50.2 %

Other Ingredients 49.8 %

KEEP OUT OF REACH OF CHILDREN

CAUTION

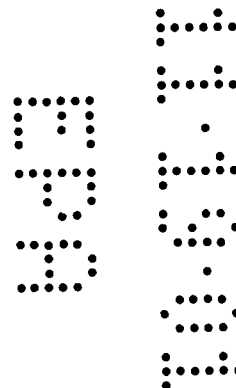
See back panel booklet for additional precautionary statements.
(Read precautions and directions on back label.)

ACCEPTED

JAN 14 2002

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 71995-25

NET []



Product Facts

Treats up to xx sq ft (approx. size of XX tennis courts)

*[When calculating coverage, one gallon treats 300 sq ft and a tennis court is 2,106 sq ft.]***KILLS WEEDS** *[Illustrate grassy, broadleaf and woody weeds]*
ALL TYPES OF WEEDS & GRASSES**WHERE TO USE**

- On patios, walkways, driveways, gravel or mulch beds
- Around fruits, vegetables, flowers, shrubs or trees
- Along fences
- In large areas - For lawn replacement
- For garden plot preparation

AMOUNT TO USE **For best results**

- 2½ fl oz (5 Tbs) per gallon of water (for established or tough weeds)

*[For Roundup Pull N' Spray (II) Refill Super Concentrate]***To refill Roundup Pull N' Spray (II)**

- Empty entire contents (6.5 oz) into empty 1.33 gallon Roundup Pull N' Spray (II) container and fill with water.

[phone icon] **Questions, Comments or Medical Information**
 call 1-800-225-2883 www.roundup.com
 (call 1-888-Roundup)

[For products where an anti-theft device has been added]
This bottle contains an anti-theft tag, either inside or on the back of the bottle. It does not affect Roundup's performance.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS*[optional tank sprayer illustration]***Tank Sprayer** (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)

- For easy to kill weeds such as seedlings, add 1½ fl oz (3 Tbs) to 1 gallon of water
- (For tough established weeds / For best results,) add 2½ fl oz (5 Tbs) to 1 gallon of water
- Spot treat or spray evenly over 300 sq ft.

[optional DNS illustration]

Hose-End Sprayer

For large areas consider using the Ortho Dial 'n Spray®

- Set dial to 2½ oz.
- To sprayer jar add 2½ fl oz (5 Tbs) for each 300 sq ft. DO NOT add water.
- Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

[optional PNS (II) illustration]

Roundup Pull N' Spray (II)

- Add entire contents of 6.5 fl oz (13 Tbs) Roundup Pull N' Spray (II) Refill Super Concentrate to the empty Roundup Pull N' Spray (II) container and fill with water.

OR

- Add 6.5 fl oz (13 Tbs) Roundup Super Concentrate to the empty Roundup Pull N' Spray (II) container and fill with water.

1 Tablespoon (Tbs) = 3 teaspoons (tsp)

1 fl oz = 2 Tbs

Do not (mix, store or) apply with (in) a galvanized or unlined steel (except stainless steel) sprayer, or through any irrigation system.

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

HOW TO APPLY [optional illustration]

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a sheet (piece) of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

IMPORTANT

Do not spray plants or grasses you like - they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

WHEN TO APPLY [optional illustration]

- Apply when weeds are actively growing. Use anytime weeds and grasses are actively growing.
- For best results, apply during warm, sunny weather (above 60° F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- (RAIN-PROOF:) Rain or watering 2 hours after application will not wash away effectiveness.
- Apply when weeds are small and before seeds form. Established (Hard to kill) weeds may require a repeat application.

ADDITIONAL TIPS *[optional illustration]***• To Kill Vines**

- If vines are growing up poles, fences, or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
- If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a sheet (piece) of cardboard or plastic

• To Kill Bamboo

- Cut canes close to the ground.
- Make cut just below a stem joint to create a hollow stem reservoir.
- Pour 1 Tbs of undiluted product into the hollow stem reservoir.
- Browning of the canes will occur in 7-14 days.
- Spray foliage if regrowth occurs.

• To Kill Stumps

- Cut living stump close to ground.
- Drive 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

• For Lawn Replacement

Use Roundup to kill a (an old) lawn and (its) weeds before planting (a) new lawn.

- Skip one mowing before spraying.
- Use 2½ fl oz (5 Tbs) per gallon of water for each 300 sq ft.
- If soil is dry, water before application and 2 to 3 days after application.
- If green patches remain after 7 days, reapply.
- Wait 7 days after last application to rake, till or replant with seed or sod.

(Alternate text)

- Wait 7 days for weeds and lawn to die. Repeat if necessary.
- Rake or till to prepare area for planting seed or sod.

• Kudzu

For best results, apply in mid to late summer when vines are mature and actively

growing.

- **Wild Blackberry**

Spray anytime plants are actively growing. Dead canes should be cut down and removed. Reapplication is often required to kill deep roots.

- **Poison Ivy & Poison Oak**

Contact with these plants anytime of the year can cause an allergic reaction. Spray anytime plants are actively growing, but at least 4 weeks before the first killing frost in the fall. Reapply, if new growth appears. Handle dead plants with rubber gloves. Dispose of plants and rubber gloves in tightly sealed garbage bags.

- **For Flowerbed & Garden Preparation**

Use Roundup to kill weeds, grasses and brush before planting flowers, fruits, vegetables or herbs.

- If soil is dry, water before application and 2 to 3 days after application.
- Apply evenly over treatment area.
- Wait the number of days indicated below before planting.

WHEN TO REPLANT *[optional illustration]*

- All ornamental flowers, trees and shrubs and the following berries, fruits, vegetables and herbs may be planted **1 day after** application:
Artichoke (Jerusalem), beans (all), beet greens, blackberry, blueberry, boysenberry, broccoli, brussels sprouts, cabbage (all), carrot, cauliflower, celery, chard (Swiss), chicory, collards, cranberry, currant, dewberry, elderberry, endive, gooseberry, horseradish, huckleberry, kale, kohlrabi, leek, lentils, lettuce, loganberry, mustard greens, okra, olallieberry, onion, parsley, parsnips, potato, radish, rape greens, raspberry (black and red), rhubarb, rutabaga, spinach, sweet potato, turnip and yams.
- The following fruits, vegetables and herbs may be planted **3 days after** application:
Corn, cucumber, eggplant, garlic, gourds, melons (all), peas (all), peppers (all), pumpkin, squash (summer and winter), tomatillo, tomato (by seed) and watercress.
- Tomatoes from transplant and unlisted fruits, vegetables and herbs may be planted **30 days after** application.
- Lawn grasses may be planted **7 days after** application.

WHEN TO HARVEST *[optional illustration]*

If used to control weeds around fruits or nuts, allow the following number of days before harvesting:

- Citrus (citron, grapefruit, lemon, lime, mandarin, orange, tangelo and tangerine) – **1 day**.
- Nuts (almond, beechnut, cashew, chestnut, hazelnut, pecan, pistachio and walnut) – **3 days**.
- Apple, avocado, banana (plantains), berries (except cranberries), dates, figs,

grapes, kiwi fruit, loquat, passion fruit, pear, persimmon, pomegranate and quince –
14 days.

- Apricot, cherries, nectarine, olives, peach, plum and prunes– **17 days.**

(OR)

- If used to control weeds around fruit or nut trees, caneberries or grapevines, allow 17 days before harvesting.

HOW IT WORKS *[optional illustration]*

Roundup enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found (only) in plants. Any product (Roundup) not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

KILLS ALL TYPES OF WEEDS & GRASSES *[optional illustration]*

Weeds (including): Artichoke thistle, beggarweed, black medic, blue mustard, blue toadflax, brassbuttons, broadleaf plantain, burclover, buttercup, Canada thistle, cattail, chickweed, cocklebur, common groundsel, common mullein, common plantain, common ragweed, creeping beggarweed, creeping-charlie, curly dock, dandelion, dog fennel, evening primrose, false dandelion, fiddleneck, field bindweed (wild morningglory), field pennycress, filaree, Florida pusley, garden spurge, henbit, horsenettle, horseradish, horseweed/ marestail, iceplant, knapweed, knotweed, lambsquarters, lantana, little bittercress, London rocket, mallow, mayweed, milkweed, mouseear chickweed, narrowleaf (buckhorn) plantain, nightshade (silverleaf), oldenlandia, oxalis, Pennsylvania smartweed, pennywort, poison hemlock, prickly lettuce, primrose, prostrate spurge, puncturevine, ragweed, red clover, redroot pigweed, shepherds purse, smooth catsear, smooth pigweed, sowthistle, spotted spurge, tansy ragwort, tansymustard, teaweed, trumpet creeper, tumble mustard, Virginia creeper, white clover, whitetop, wild barley, wild mustard, wild oats, wild sweet potato, yellow starthistle, and other broadleaf weeds

Grasses (including): Annual bluegrass, annual ryegrass, bahiagrass, barnyardgrass, bentgrass, Bermudagrass, brome grass, Cogongrass, crabgrass, creeping bentgrass, dallisgrass, fall panicum, fescue, field sandbur, foxtail, goosegrass, guineagrass, Johnsongrass, Kentucky bluegrass, kikuyugrass, lovegrass, maidencane, nimblewill, nutsedge, orchardgrass, pampas grass, perennial ryegrass, purple nutsedge, quackgrass, sandspur, smooth brome grass, sprangletop, St. Augustinegrass, tall fescue, Texas panicum, Timothy, torpedograss, vaseygrass, witchgrass, yellow nutgrass, zoysia and other grassy weeds

Brush (Tough Weeds) Unwanted Tress, Shrubs & Vines (including):

Alder, ash, (quacking) aspen, bamboo, blackberry, bluegum eucalyptus, broom (French, Scotch), buckwheat, ceanothus, chamise, cherry, coyote brush, dewberry, elderberry, elm, eucalyptus, giant reed, hawthorn, hazel, honeysuckle, kudzu, locust, madrone, maple, oak, persimmon, poison oak, poison ivy, poplar, raspberry, sage, sagebrush, salmonberry, saltcedar, sassafras, sumac, sweetgum, tan oak, thimbleberry, tree tobacco, wild rose (multiflora) willow and other tough weeds

[re-entry icon] People and pets may enter treated area after spray has dried.

STORAGE AND DISPOSAL [trash can illustration]

STORAGE: Store in original container in a safe place.

DISPOSAL: **Empty Container:** Do not reuse container. Put in trash. (Recycle where available.) **Partially Full Container:** Call your local waste disposal service (or 1-800-CLEANUP). If local laws permit, put partially full container in trash. Never pour product down any drain.

HOW TO REFILL ROUNDUP READY-TO-USE CONTAINERS

- **24 fl oz Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 1 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **½ Gallon Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 2½ fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **Gallon Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 5 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **1.33 Gallon Roundup PNS (II):**
To empty container add 6.5 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **6L Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 8 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **2 Gallon Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 10 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.

PRECAUTIONARY STATEMENTS [optional illustration]

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

FIRST AID	
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently for 15-20 minutes.• Remove contact lenses, if present, after first 5 minutes, then continue rinsing.• Call a poison control center (1-800-225-2883 or 1-888-768-6387 or 1-888-Roundup) or doctor for treatment advice.
Emergency Medical Information	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-800-225-2883 (1-888-768-6387 or 1-888-Roundup) for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

This product is protected by U.S. Patents No. 4,405,531 and No. 5,703,015 and No. 6,063,733 and No. 6,121,199 and No. 6,121,200. Other patents pending. No license granted under any non-U.S. patent(s).

This is an end-use product. Monsanto does not intend and has not registered it for reformulation or repackaging.

<p>[phone icon] Questions, Comments or Medical Information call 1-800-225-2883 www.roundup.com (call 1-888-Roundup)</p>

Roundup is a trademark of Monsanto Company

©[] MONSANTO COMPANY

Manufactured for
Monsanto Company, Lawn & Garden Products
P.O. Box 1750
Columbus, OH 43216
Form []
EPA Reg. No. 71995-25

Roundup Weed & Grass Killer Super Concentrate

EPA Reg No. 71995-25

EPA Est. 239-IA-3^l, 58996-MO-1^A
Superscript is first letter of lot number
Made in USA

APPENDIX 1 – Consolidated List of Label Claims
[Ordered alphabetically]

- 20% more concentrated
- 20% stronger
- 20% stronger to speed absorption to the root
- Absorbed into both broadleaf and grassy weeds
- Absorbs on contact, starts working immediately
- Also use for large jobs such as lawn renovation and vegetable and flower garden preparation
- Approved for most (many) lawn and garden uses.
- Before *[weed graphics]* / After *[weed graphics]*
- Begins absorbing on contact
- Can be used around (small) fruits and vegetables
- Can be used for habitat restoration, controlling exotic vegetation, and for site preparation of wildlife food plots.
- Can reseed or sod lawns 7 days after treatment
- Concentrated for extra value
- Covers up to 300 sq ft per gallon of spray
- Dead Weeds Guaranteed
- Dead Weeds Guaranteed or Your Money Back
- Does not have soil activity
- Economical
- Economical concentrate formula
- Easy to apply with an Ortho Dial 'n Spray®, hose-end, tank or (hand held) trigger sprayer
- Even if it rains – Roundup won't lose its effectiveness
- Exclusive Roundup formula
- For control that doesn't (won't) wash away
- For general weed control - kills weeds and grasses in 2 to 4 weeks - roots and all
- Guaranteed same effective results even if it rains within hours
- Improved extra strength formula
- Improved formula, completely kills even the toughest weeds and grasses
- Improved formulation -now RainFast - fast uptake
- Kills almost all (annual and perennial) weeds, grasses and other unwanted plants
- Kills existing weeds only, no residual activity in soil
- Kills more weeds in more places
- Kills over 100 weeds
- Kills the root so weeds don't come back
- Kills the roots of (both) broadleaf and grassy weeds
- Kills the weed you see and the root you don't
- Kills (to) the root
- Kills unwanted weeds and grasses, roots and all
- Kills weeds in flowerbeds, around trees, shrubs and fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard.

- Kills weeds, roots and all
- Lawns and gardens can be reseeded or planted soon after treatment
- Make only what you need
- Multipurpose grass and broadleaf weed control
- NEW!
- No odor
- No root. No weed. No problem.
- NOW!
- Now a shorter wait for replanting!
- Once it enters the plant, it won't wash off
- Ornamental gardens can be reseeded or planted 1 day after treatment.
- RainFast in hours - enters the plant on contact
- RAIN-PROOF™
- RAIN-PROOF™ in two hours
- (Roundup) Kills the weed you see and the root others leave behind
- Roundup kills weeds and grasses in – Patios – Driveways – Sidewalks – Gardens and other non-lawn areas
- Satisfaction guaranteed or we will gladly refund purchase price
- Satisfaction guaranteed or your money back with proof of purchase
- Speeds absorption to the root for complete kill
- Spray weeds (Use) in flowerbeds, around trees, shrubs and around fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard
- Starts working immediately
- Stronger
- Tougher formula
- Transorb technology speeds Roundup to the root to kill even tough weeds
- Ultra concentrated formula, 20% more weed killing power
- Ultra formula
- Use around fruits and vegetables.
- (Use) For Bamboo Control
- (Use) For Brush Control
- (Use) For General Weed Control: Use along fences, paths, patios, sidewalks and driveways, around trees, shrubs, ornamental plantings, flowerbeds, and buildings, and in brick and gravel walkways. Use to trim and edge landscape areas
- (Use) For Landscaping: Use to prepare areas for planting of ornamentals, trees, shrubs, desert landscapes, rock gardens, flowerbeds or similar plantings
- Use for large jobs like garden plot preparation and lawn replacement (renovation)
- (Use) For Lawn Renovation
- (Use) For Spot Spraying: Use in and around flowerbeds, ornamental, fruit and nut trees, grapevines, shrubs, fences, driveways and walkways
- (Use) For Stumps
- (Use) For Wildlife Areas: Use to prepare areas for planting wildlife food. Exotic or
 - undesirable plants can be controlled to allow for planting or recovery of native plant species. Spot treatments can be made to selectively remove unwanted plants.

- (Use in) Apply with a Big Shot™ Multi-Purpose Sprayer or other tank sprayer, Ortho Dial 'n Spray® or other hose-end sprayer, or a (hand held) trigger sprayer
- Use to prepare sites: for large plantings, for planting flowerbeds, fruit trees, ornamentals, vegetables and gardens, and for renovating lawns
- Use to refill Roundup Ready-To-Use containers
- Visible effects are gradual wilting and yellowing advancing to complete browning and root destruction
- Visible results in 2 to 4 days
- Water based formula
- Won't wash away
- Won't wash off
- Works first time, every time
- Works only when absorbed by the foliage of weeds
- *[Promotional options]*
- Free [] with this purchase of Roundup concentrate quart
- FREE REFILL
- FREE SAMPLE
- Free weed guide inside
- SAMPLE NOT FOR SALE
- Save up to \$[x] on (your) next purchase

APPENDIX 2 – Packaging Related Claims

NET xx fl oz (qt or gal) (xx mL or L)
8 fl oz (237 mL)
16 fl oz (1 pt) (473 mL)
32 fl oz (1 qt) 946 mL)
53 fl oz (0.42 gal) (1.5 L)
128 fl oz (1 gal) (3.79 L)

[corner flap]

OPEN

Resealable Label for Directions & Precautions

PULL HERE TO OPEN LABEL

PEEL HERE

PEEL OPEN FOR USE DIRECTIONS AND FURTHER INFORMATION

PRESS TO RESEAL

[Net contents] Makes up to 'X' gallons

Makes between 'X' and 'Y' gallons

Mix with water to make 'X' gallons of spray solution

Covers up to 'Z' sq ft

Mix with water to cover up to 'Z' sq ft

[X = net contents ÷ 1.5]

[Y = net contents ÷ 2.5]

*[Z = X * 300]*

[6.5 oz PNS (II) Refill Super Concentrate]

Pre-measured

Convenient

Refills (Refill for) (Roundup) Pull N' Spray (II)

Use to refill (Roundup) Pull N' Spray (II)

Refill (Roundup) Pull N' Spray (II) and save

Save money

Easy-to-pour

Refill

Makes one (1) refill for (Roundup) Pull N' Spray (II)

NEW

NOW

(Roundup) Pull N' Spray (II) Refill

Compare to the price of a new (Roundup) Pull N' Spray (II)

No mess

No messy clean-up

No measuring

Easy-to-use

Save time

Less waste
Treat more weeds for less money
Treat twice as many weeds for less money
Great (Excellent) (Outstanding) value
Value Refill Bottle
Pull N' Spray (II) Refill
More economical
Just pour
Quick and (&) Easy
Just pour and (&) add water
Hassle free
Simple
Just pour, fill, and (&) spray

[Pint] Makes up to 10 gallons
Makes between 6 – 10 gallons
Mix with water to make 10 gallons of spray solution
Covers up to 3,000 sq ft
Mix with water to cover up to 3,000 sq ft

[Quart] Makes up to 21 gallons
Makes between 12 – 21 gallons
Mix with water to make 21 gallons of spray solution
Covers up to 6,300 sq ft
Mix with water to cover up to 6,300 sq ft

[0.42 Gallon] Makes up to 35 gallons
Makes between 21 – 35 gallons
Mix with water to make 35 gallons of spray solution
Covers up to 10,500 sq ft
Mix with water to cover up to 10,500 sq ft

[Gallon] Makes up to 85 gallons
Makes between 51 – 85 gallons
Mix with water to 85 gallons of spray solution
Covers up to 25,500 sq ft
Mix with water to cover up to 25,500 sq ft

New! Larger size, covers up to ['Z'] sq ft

01/11/02 9:51:11 12/51/11 11/19/01

3. IS A PUBLIC LAW NECESSARY <input type="checkbox"/> YES <input type="checkbox"/> NO		6. PETITION NO.		1. RECEIVED ON DATE NO DAY YR	
8. METHOD OF SUPPORT <input type="checkbox"/> 1A <input type="checkbox"/> 1B <input type="checkbox"/> 1C		7. PRODUCT MANAGER		2. PROJECTED RETURN NO DAY YR	
9. DATE PULLED 1/11/02	10. DATE PULLED AWP	11. ACTION TYPE add statement referring to anti-theft device 300		12. OUTGOING DATE NO DAY YR	
13. REVIEW TYPE CODE	REVIEW TYPE	REVIEWER CODE (Initials)	SIGNATURE OF REVIEWER	COM- MENT CODE	DATE REVIEW COMPLETED
					NO DAY YR
A	REVIEWABILITY TEAM				
B	PRODUCT MANAGER TEAM EFFICACY REVIEW				
C	PRODUCT MANAGER TEAM HUMAN SAFETY REVIEW				
D	PRODUCT MANAGER TEAM CH- VIRONMENTAL SAFETY REVIEW				
E	PRODUCT MANAGER TEAM REGISTRATION REVIEW				
F	PRODUCT MANAGER				
G	INTERAGENCY REFERRAL				
H	COST-BENEFIT REVIEW				
I	PUBLIC COMMENTS REVIEW				
J	EEC BRANCH INSECTICIDE EFFICACY				
K	EEC BRANCH HERBICIDE EFFICACY				
L	EEC BRANCH FUNGICIDE EFFICACY				
M	EEC BRANCH ROSENTRICIDE EFFICACY				
N	EEC BRANCH SIMPLECTAMT EFFICACY				
O	CHEMISTRY BRANCH RESIDUE CHEMISTRY				
P	EEC BRANCH ENVIRON- MENTAL CHEMISTRY				
Q	TOXICOLOGY BRANCH HUMAN SAFETY				
R	EEC BRANCH ENVIRON- MENTAL SAFETY				
S					
T					
PRODUCT MANAGER SIGNATURE			TYPE OF RESPONSE		CODE

UICW NAC 011 111 012



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number Roundup Weed & Grass Killer Super Concentrate	2. EPA Product Manager Mr. Jim Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) 71995-25	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company 600 13th Street N.W., Suite 660 Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission of revised master label.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to wilfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted				Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/>			
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Dr. Marsha Gray	Title Registration Manager	Telephone No. (Include Area Code) (202) 783-2460	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment both under applicable law.		6. Date Application Received (Stamped) 	
2. Signature 	3. Title Registration Manager		
4. Typed Name Rhonda M. Mannion	5. Date 8 November 2001		

MONSANTO

Food • Health • Hope



MONSANTO COMPANY

600 13TH STREET, NW

SUITE 660

WASHINGTON, D.C. 20005

<http://www.monsanto.com>

8 November 2001

Hand Delivered

Document Processing Center (NOTIF)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2,
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

Attention: Mr. Jim Tompkins
Product Manager (Team 25)

**Subject: Roundup® Weed & Grass Killer Super Concentrate (EPA Reg. No. 71995-25).
Notification of Label Changes.**

Dear Mr. Tompkins:

Monsanto is submitting three (3) copies of the revised master label for *Roundup® Weed & Grass Killer Super Concentrate* (Reg. No. 71995-25). The Agency last approved this label on 2 August 2001.


The Roundup® Weed & Grass Killer Super Concentrate label is the same as the 2 August 2001 master label except that the following statement has been added underneath the *Product Facts Box*:

"THIS BOTTLE CONTAINS AN ANTI-THEFT DEVICE, EITHER INSIDE OR ON THE BACK OF THE BOTTLE. IT DOES NOT AFFECT ROUNDUP'S PERFORMANCE."

Monsanto plans to employ two different anti-theft devices for our super concentrate products. In recent years, product theft at the retail level has been a significant problem for our super concentrate products, to the extent that a standard exterior anti-theft device alone is not sufficient in certain retail situations. Therefore a new device has been developed which allows for the anti-theft device to be inserted inside the bottle, eliminating easy removal of the device. The new anti-theft tag is encased in a high-density polyethylene (HDPE) plastic housing which is sonically welded to ensure both tag and product integrity. The design allows the device to remain in the bottle during pouring and handling, and makes device removal difficult. The new device has been thoroughly evaluated and tested.

Should you have any questions, please contact Ms. Marsha Gray at our Washington office (202) 783-2460 or me directly at (314) 694-8785 or rmmann@monsanto.com.

Sincerely,


Rhonda M. Mannion
Registration Manager

cc: Vickie Walters / EPA
Marsha Gray / DC office
File copy



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

AUG - 2 2001

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Rhonda M. Mannion
Monsanto Company
600 13th Street, NW, Suite 660
Washington, DC 20005

Dear Ms. Mannion:

Subject: Roundup Weed & Grass Killer Super Concentrate (Add Refill Instructions for All Ready-to-Use Containers)
EPA Registration No. 71995-25
Your Application Dated April 4, 2001.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable. The amended labeling supercedes all previously accepted ones. A stamped copy of labeling is enclosed for your records.

Sincerely,

Vukie K. Walters for
James A. Tompkins
Product Manager 25
Herbicide Branch
Registration Division (7505C)

[Editorial Notes: Bracketed text [] is for internal use or serves as a 'place holder' for graphics. Parenthetical text () denotes optional wording.]

[Refer to APPENDIX 1 for consolidated list of label claims.]

[Refer to APPENDIX 2 for packaging related claims/instructions]

Roundup® Weed & Grass Killer Super Concentrate

Alternate Brand Names: Roundup Pull N' Spray Refill Super Concentrate
Roundup Pull N' Spray II Refill Super Concentrate

Active Ingredient

Glyphosate, isopropylamine salt 50.2 %

Other Ingredients 49.8 %

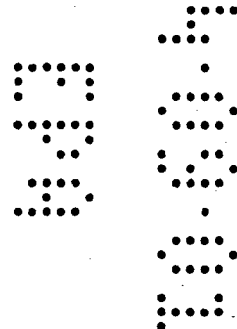
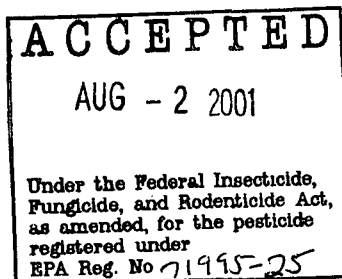
KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel booklet for additional precautionary statements.

(Read precautions and directions on back label.)

NET []



Product Facts	
Treats up to xx sq ft (approx. size of XX tennis courts) [When calculating coverage, one gallon treats 300 sq ft and a tennis court is 2,106 sq ft.]	
KILLS WEEDS	[Illustrate grassy, broadleaf and woody weeds] ALL TYPES OF WEEDS & GRASSES
WHERE TO USE	<ul style="list-style-type: none"> • On patios, walkways, driveways, gravel or mulch beds • Around fruits, vegetables, flowers, shrubs or trees • Along fences • In large areas - For lawn replacement - For garden plot preparation
AMOUNT TO USE	For best results <ul style="list-style-type: none"> • 2½ fl oz (5 Tbs) per gallon of water (for established or tough weeds)
[For Roundup Pull N' Spray (II) Refill Super Concentrate] To refill Roundup Pull N' Spray (II) <ul style="list-style-type: none"> • Empty entire contents (6.5 oz) into empty 1.33 gallon Roundup Pull N' Spray (II) container and fill with water. 	
[phone icon] Questions, Comments or Medical Information call 1-800-225-2883 www.roundup.com (call 1-888-Roundup)	

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS

[optional tank sprayer illustration]

Tank Sprayer (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)

- For easy to kill weeds such as seedlings, add 1½ fl oz (3 Tbs) to 1 gallon of water
- (For tough established weeds / For best results,) add 2½ fl oz (5 Tbs) to 1 gallon of water
- Spot treat or spray evenly over 300 sq ft.

[optional DNS illustration]

Hose-End Sprayer

For large areas consider using the Ortho Dial 'n Spray®

- Set dial to 2½ oz.
- To sprayer jar add 2½ fl oz (5 Tbs) for each 300 sq ft. DO NOT add water.
- Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

[optional PNS (II) illustration]

Roundup Pull N' Spray (II)

- Add entire contents of 6.5 fl oz (13 Tbs) Roundup Pull N' Spray (II) Refill Super Concentrate to the empty Roundup Pull N' Spray (II) container and fill with water.

OR

- Add 6.5 fl oz (13 Tbs) Roundup Super Concentrate to the empty Roundup Pull N' Spray (II) container and fill with water.

1 Tablespoon (Tbs) = 3 teaspoons (tsp)

1 fl oz = 2 Tbs

Do not (mix, store or) apply with (in) a galvanized or unlined steel (except stainless steel) sprayer, or through any irrigation system.

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

HOW TO APPLY [optional illustration]

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a sheet (piece) of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

IMPORTANT

Do not spray plants or grasses you like - they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

WHEN TO APPLY [optional illustration]

- Apply when weeds are actively growing. Use anytime weeds and grasses are actively growing.
- For best results, apply during warm, sunny weather (above 60° F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- (RAIN-PROOF:) Rain or watering 2 hours after application will not wash away effectiveness.
- Apply when weeds are small and before seeds form. Established (Hard to kill) weeds may require a repeat application.

ADDITIONAL TIPS *[optional illustration]***• To Kill Vines**

- If vines are growing up poles, fences, or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
- If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a sheet (piece) of cardboard or plastic

• To Kill Bamboo

- Cut canes close to the ground.
- Make cut just below a stem joint to create a hollow stem reservoir.
- Pour 1 Tbs of undiluted product into the hollow stem reservoir.
- Browning of the canes will occur in 7-14 days.
- Spray foliage if regrowth occurs.

• To Kill Stumps

- Cut living stump close to ground.
- Drive 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

• For Lawn Replacement

Use Roundup to kill a (an old) lawn and (its) weeds before planting (a) new lawn.

- Skip one mowing before spraying.
- Use 2½ fl oz (5 Tbs) per gallon of water for each 300 sq ft.
- If soil is dry, water before application and 2 to 3 days after application.
- If green patches remain after 7 days, reapply.
- Wait 7 days after last application to rake, till or replant with seed or sod.

(Alternate text)

- Wait 7 days for weeds and lawn to die. Repeat if necessary.
- Rake or till to prepare area for planting seed or sod.

• Kudzu

For best results, apply in mid to late summer when vines are mature and actively growing.

- **Wild Blackberry**

Spray anytime plants are actively growing. Dead canes should be cut down and removed. Reapplication is often required to kill deep roots.

- **Poison Ivy & Poison Oak**

Contact with these plants anytime of the year can cause an allergic reaction. Spray anytime plants are actively growing, but at least 4 weeks before the first killing frost in the fall. Reapply, if new growth appears. Handle dead plants with rubber gloves. Dispose of plants and rubber gloves in tightly sealed garbage bags.

- **For Flowerbed & Garden Preparation**

Use Roundup to kill weeds, grasses and brush before planting flowers, fruits, vegetables or herbs.

- If soil is dry, water before application and 2 to 3 days after application.
- Apply evenly over treatment area.
- Wait the number of days indicated below before planting.

WHEN TO REPLANT *[optional illustration]*

- All ornamental flowers, trees and shrubs and the following berries, fruits, vegetables and herbs may be planted **1 day after** application:
Artichoke (Jerusalem), beans (all), beet greens, blackberry, blueberry, boysenberry, broccoli, brussels sprouts, cabbage (all), carrot, cauliflower, celery, chard (Swiss), chicory, collards, cranberry, currant, dewberry, elderberry, endive, gooseberry, horseradish, huckleberry, kale, kohlrabi, leek, lentils, lettuce, loganberry, mustard greens, okra, olallieberry, onion, parsley, parsnips, potato, radish, rape greens, raspberry (black and red), rhubarb, rutabaga, spinach, sweet potato, turnip and yams.
- The following fruits, vegetables and herbs may be planted **3 days after** application:
Corn, cucumber, eggplant, garlic, gourds, melons (all), peas (all), peppers (all), pumpkin, squash (summer and winter), tomatillo, tomato (by seed) and watercress.
- Tomatoes from transplant and unlisted fruits, vegetables and herbs may be planted **30 days after** application.
- Lawn grasses may be planted **7 days after** application.

WHEN TO HARVEST *[optional illustration]*

If used to control weeds around fruits or nuts, allow the following number of days before harvesting:

- Citrus (citron, grapefruit, lemon, lime, mandarin, orange, tangelo and tangerine) – **1 day.**
- Nuts (almond, beechnut, cashew, chestnut, hazelnut, pecan, pistachio and walnut) – **3 days.**
- Apple, avocado, banana (plantains), berries (except cranberries), dates, figs, grapes, kiwi fruit, loquat, passion fruit, pear, persimmon, pomegranate and quince –

14 days.

- Apricot, cherries, nectarine, olives, peach, plum and prunes— **17 days.**

(OR)

- If used to control weeds around fruit or nut trees, caneberries or grapevines, allow 17 days before harvesting.

HOW IT WORKS *[optional illustration]*

Roundup enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found (only) in plants. Any product (Roundup) not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

KILLS ALL TYPES OF WEEDS & GRASSES *[optional illustration]*

Weeds (including): Artichoke thistle, beggarweed, black medic, blue mustard, blue toadflax, brassbuttons, broadleaf plantain, burclover, buttercup, Canada thistle, cattail, chickweed, cocklebur, common groundsel, common mullein, common plantain, common ragweed, creeping beggarweed, creeping-charlie, curly dock, dandelion, dog fennel, evening primrose, false dandelion, fiddleneck, field bindweed (wild morningglory), field pennycress, filaree, Florida pusley, garden spurge, henbit, horsetail, horseradish, horseweed/ maretail, iceplant, knapweed, knotweed, lambsquarters, lantana, little bittercress, London rocket, mallow, mayweed, milkweed, mouseear chickweed, narrowleaf (buckhorn) plantain, nightshade (silverleaf), oldenlandia, oxalis, Pennsylvania smartweed, pennywort, poison hemlock, prickly lettuce, primrose, prostrate spurge, puncturevine, ragweed, red clover, redroot pigweed, shepherdspurge, smooth catsear, smooth pigweed, sowthistle, spotted spurge, tansy ragwort, tansymustard, teaweed, trumpetcreeper, tumble mustard, Virginia creeper, white clover, whitetop, wild barley, wild mustard, wild oats, wild sweet potato, yellow starthistle, and other broadleaf weeds

Grasses (including): Annual bluegrass, annual ryegrass, bahiagrass, barnyardgrass, bentgrass, Bermudagrass, brome grass, Cogongrass, crabgrass, creeping bentgrass, dallisgrass, fall panicum, fescue, field sandbur, foxtail, goosegrass, guineagrass, Johnsongrass, Kentucky bluegrass, kikuyugrass, lovegrass, maidencane, nimblewill, nutsedge, orchardgrass, pampas grass, perennial ryegrass, purple nutsedge, quackgrass, sandspur, smooth brome grass, sprangletop, St. Augustinegrass, tall fescue, Texas panicum, Timothy, torpedograss, vaseygrass, witchgrass, yellow nutgrass, zoysia and other grassy weeds

Brush (Tough Weeds) Unwanted Tress, Shrubs & Vines (including):

Alder, ash, (quacking) aspen, bamboo, blackberry, bluegum eucalyptus, broom (French, Scotch), buckwheat, ceanothus, chamise, cherry, coyote brush, dewberry, elderberry, elm, eucalyptus, giant reed, hawthorn, hazel, honeysuckle, kudzu, locust, madrone, maple, oak, persimmon, poison oak, poison ivy, poplar, raspberry, sage, sagebrush, salmonberry, saltcedar, sassafras, sumac, sweetgum, tan oak, thimbleberry, tree tobacco, wild rose (multiflora) willow and other tough weeds

[re-entry icon] People and pets may enter treated area after spray has dried.

STORAGE AND DISPOSAL [trash can illustration]

STORAGE: Store in original container in a safe place.

DISPOSAL: Empty Container: Do not reuse container. Put in trash. (Recycle where available.) **Partially Full Container:** Call your local waste disposal service (or 1-800-CLEANUP). If local laws permit, put partially full container in trash. Never pour product down any drain.

HOW TO REFILL ROUNDUP READY-TO-USE CONTAINERS

- **24 fl oz Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 1 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **½ Gallon Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 2½ fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **Gallon Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 5 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **1.33 Gallon Roundup PNS (II):**
To empty container add 6.5 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **6L Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 8 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **2 Gallon Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 10 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.

PRECAUTIONARY STATEMENTS [optional illustration]

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

FIRST AID	
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently for 15-20 minutes.• Remove contact lenses, if present, after first 5 minutes, then continue rinsing.• Call a poison control center (1-800-225-2883 or 1-888-768-6387 or 1-888-Roundup) or doctor for treatment advice.
Emergency Medical Information	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-800-225-2883 (1-888-768-6387 or 1-888-Roundup) for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

This product is protected by U.S. Patents No. 4,405,531 and No. 5,703,015 and No. 6,063,733 and No. 6,121,199 and No. 6,121,200. Other patents pending. No license granted under any non-U.S. patent(s).

This is an end-use product. Monsanto does not intend and has not registered it for reformulation or repackaging.

[phone icon] **Questions, Comments or Medical Information**

call 1-800-225-2883

www.roundup.com

(call 1-888-Roundup)

Roundup is a trademark of Monsanto Company

©[] MONSANTO COMPANY

Manufactured for
Monsanto Company, Lawn & Garden Products
P.O. Box 1750
Columbus, OH 43216
Form []
EPA Reg. No. 71995-25

Roundup Weed & Grass Killer Super Concentrate

EPA Reg No. 71995-25

EPA Est. 239-IA-3^l, 58996-MO-1^A
Superscript is first letter of lot number
Made in USA

APPENDIX 1 – Consolidated List of Label Claims
[Ordered alphabetically]

- 20% more concentrated
- 20% stronger
- 20% stronger to speed absorption to the root
- Absorbed into both broadleaf and grassy weeds
- Absorbs on contact, starts working immediately
- Also use for large jobs such as lawn renovation and vegetable and flower garden preparation
- Approved for most (many) lawn and garden uses.
- Before [*weed graphics*] / After [*weed graphics*]
- Begins absorbing on contact
- Can be used around (small) fruits and vegetables
- Can be used for habitat restoration, controlling exotic vegetation, and for site preparation of wildlife food plots.
- Can reseed or sod lawns 7 days after treatment
- Concentrated for extra value
- Covers up to 300 sq ft per gallon of spray
- Dead Weeds Guaranteed
- Dead Weeds Guaranteed or Your Money Back
- Does not have soil activity
- Economical
- Economical concentrate formula
- Easy to apply with an Ortho Dial 'n Spray®, hose-end, tank or (hand held) trigger sprayer
- Even if it rains – Roundup won't lose its effectiveness
- Exclusive Roundup formula
- For control that doesn't (won't) wash away
- For general weed control - kills weeds and grasses in 2 to 4 weeks - roots and all
- Guaranteed same effective results even if it rains within hours
- Improved extra strength formula
- Improved formula, completely kills even the toughest weeds and grasses
- Improved formulation -now RainFast - fast uptake
- Kills almost all (annual and perennial) weeds, grasses and other unwanted plants
- Kills existing weeds only, no residual activity in soil
- Kills more weeds in more places
- Kills over 100 weeds
- Kills the root so weeds don't come back
- Kills the roots of (both) broadleaf and grassy weeds
- Kills the weed you see and the root you don't
- Kills (to) the root
- Kills unwanted weeds and grasses, roots and all
- Kills weeds in flowerbeds, around trees, shrubs and fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard.

- Kills weeds, roots and all
- Lawns and gardens can be reseeded or planted soon after treatment
- Make only what you need
- Multipurpose grass and broadleaf weed control
- NEW!
- No odor
- No root. No weed. No problem.
- NOW!
- Now a shorter wait for replanting!
- Once it enters the plant, it won't wash off
- Ornamental gardens can be reseeded or planted 1 day after treatment.
- RainFast in hours - enters the plant on contact
- RAIN-PROOF™
- RAIN-PROOF™ in two hours
- (Roundup) Kills the weed you see and the root others leave behind
- Roundup kills weeds and grasses in – Patios – Driveways – Sidewalks – Gardens and other non-lawn areas
- Satisfaction guaranteed or we will gladly refund purchase price
- Satisfaction guaranteed or your money back with proof of purchase
- Speeds absorption to the root for complete kill
- Spray weeds (Use) in flowerbeds, around trees, shrubs and around fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard
- Starts working immediately
- Stronger
- Tougher formula
- Transorb technology speeds Roundup to the root to kill even tough weeds
- Ultra concentrated formula, 20% more weed killing power
- Ultra formula
- Use around fruits and vegetables.
- (Use) For Bamboo Control
- (Use) For Brush Control
- (Use) For General Weed Control: Use along fences, paths, patios, sidewalks and driveways, around trees, shrubs, ornamental plantings, flowerbeds, and buildings, and in brick and gravel walkways. Use to trim and edge landscape areas
- (Use) For Landscaping: Use to prepare areas for planting of ornamentals, trees, shrubs, desert landscapes, rock gardens, flowerbeds or similar plantings
- Use for large jobs like garden plot preparation and lawn replacement (renovation)
- (Use) For Lawn Renovation
- (Use) For Spot Spraying: Use in and around flowerbeds, ornamental, fruit and nut trees, grapevines, shrubs, fences, driveways and walkways
- (Use) For Stumps
- (Use) For Wildlife Areas: Use to prepare areas for planting wildlife food. Exotic or
 - undesirable plants can be controlled to allow for planting or recovery of native plant species. Spot treatments can be made to selectively remove unwanted plants.

- (Use in) Apply with a Big Shot™ Multi-Purpose Sprayer or other tank sprayer, Ortho Dial 'n Spray® or other hose-end sprayer, or a (hand held) trigger sprayer
- Use to prepare sites: for large plantings, for planting flowerbeds, fruit trees, ornamentals, vegetables and gardens, and for renovating lawns
- Use to refill Roundup Ready-To-Use containers
- Visible effects are gradual wilting and yellowing advancing to complete browning and root destruction
- Visible results in 2 to 4 days
- Water based formula
- Won't wash away
- Won't wash off
- Works first time, every time
- Works only when absorbed by the foliage of weeds

- *[Promotional options]*

- Free [] with this purchase of Roundup concentrate quart
- FREE REFILL
- FREE SAMPLE
- Free weed guide inside
- SAMPLE NOT FOR SALE
- Save up to \$[x] on (your) next purchase

APPENDIX 2 – Packaging Related Claims

NET xx fl oz (qt or gal) (xx mL or L)
8 fl oz (237 mL)
16 fl oz (1 pt) (473 mL)
32 fl oz (1 qt) 946 mL)
53 fl oz (0.42 gal) (1.5 L)
128 fl oz (1 gal) (3.79 L)

[corner flap]

OPEN

Resealable Label for Directions & Precautions

PULL HERE TO OPEN LABEL

PEEL HERE

PEEL OPEN FOR USE DIRECTIONS AND FURTHER INFORMATION

PRESS TO RESEAL

[Net contents] Makes up to 'X' gallons

Makes between 'X' and 'Y' gallons

Mix with water to make 'X' gallons of spray solution

Covers up to 'Z' sq ft

Mix with water to cover up to 'Z' sq ft

[$X = \text{net contents} \div 1.5$]

[$Y = \text{net contents} \div 2.5$]

[$Z = X * 300$]

[6.5 oz PNS (II) Refill Super Concentrate]

Pre-measured

Convenient

Refills (Refill for) (Roundup) Pull N' Spray (II)

Use to refill (Roundup) Pull N' Spray (II)

Refill (Roundup) Pull N' Spray (II) and save

Save money

Easy-to-pour

Refill

Makes one (1) refill for (Roundup) Pull N' Spray (II)

NEW

NOW

(Roundup) Pull N' Spray (II) Refill

Compare to the price of a new (Roundup) Pull N' Spray (II)

No mess

No messy clean-up

No measuring

Easy-to-use

Save time

Less waste
Treat more weeds for less money
Treat twice as many weeds for less money
Great (Excellent) (Outstanding) value
Value Refill Bottle
Pull N' Spray (II) Refill
More economical
Just pour
Quick and (&) Easy
Just pour and (&) add water
Hassle free
Simple
Just pour, fill, and (&) spray

[Pint] Makes up to 10 gallons
Makes between 6 – 10 gallons
Mix with water to make 10 gallons of spray solution
Covers up to 3,000 sq ft
Mix with water to cover up to 3,000 sq ft

[Quart] Makes up to 21 gallons
Makes between 12 – 21 gallons
Mix with water to make 21 gallons of spray solution
Covers up to 6,300 sq ft
Mix with water to cover up to 6,300 sq ft

[0.42 Gallon] Makes up to 35 gallons
Makes between 21 – 35 gallons
Mix with water to make 35 gallons of spray solution
Covers up to 10,500 sq ft
Mix with water to cover up to 10,500 sq ft

[Gallon] Makes up to 85 gallons
Makes between 51 – 85 gallons
Mix with water to 85 gallons of spray solution
Covers up to 25,500 sq ft
Mix with water to cover up to 25,500 sq ft

New! Larger size, covers up to ['Z'] sq ft

1. DATE PUBLISHED		10. DATE PUBLISHED		11. ACTION TYPE		12. OUTGOING DATE	
7/19/01		AWP		Add Repl Instructions for all Ready to Use Containers			
2. REVIEW TYPE	3. REVIEW CODE	4. REVIEWER	5. SIGNATURE OF REVIEWER	6. COM. UNIT CODE	7. DATE REVIEW COMPLETED	8. REVIEWER	9. REVIEWER
A	REVIEWABILITY TEAM						
B	PRODUCT MANAGER TEAM EFFICACY REVIEW						
C	PRODUCT MANAGER TEAM HUMAN SAFETY REVIEW						
D	PRODUCT MANAGER TEAM CH. 10 HUMAN SAFETY REVIEW						
E	PRODUCT MANAGER TEAM REGISTRATION REVIEW						
F	PRODUCT MANAGER						
G	INTERAGENCY REFERRAL						
H	COST-BENEFIT REVIEW						
I	PUBLIC COMMENTS REVIEW						
J	USE-ORANGE INSECTICIDE EFFICACY						
K	USE-ORANGE HERBICIDE EFFICACY						
L	USE-ORANGE FUNGICIDE EFFICACY						
M	USE-ORANGE ROSENTHAL EFFICACY						
N	USE-ORANGE SIMPSON EFFICACY						
O	USE-ORANGE CHEN EFFICACY						
P	USE-ORANGE ENVIRON. HUMAN SAFETY						
Q	USE-ORANGE ENVIRON. HUMAN SAFETY						
R	USE-ORANGE ENVIRON. HUMAN SAFETY						
S							
T							
PRODUCT MANAGER SIGNATURE				TYPE OF RESPONSE		CODE	

MONSANTO

Food • Health • Hope™



MONSANTO COMPANY
600 13TH STREET, N.W.
SUITE 660
WASHINGTON, D.C. 20005
TEL: (202) 783-2460
FAX: (202) 783-2468

April 4, 2001

Hand Delivered

Document Processing Center (AMEND)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2,
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

Attention: Mr. Dan Rosenblatt
Acting Product Manager (Team 25)

Subject: **Roundup Weed & Grass Killer₁ Ready-To-Use (EPA Reg. No. 71995-23),
Roundup Weed & Grass Killer Concentrate (EPA Reg. No. 71995-26),
Roundup Weed & Grass Killer Super Concentrate (EPA Reg. No. 71995-25),
Submission of Revised Master Labels.**

Dear Mr. Tompkins:

Monsanto is herein submitting revised master labeling for Roundup Weed & Grass Killer₁ Ready-To-Use (Reg. No. 71995-23), Roundup Weed & Grass Killer Concentrate (Reg. No. 71995-26), and Roundup Weed & Grass Killer Super Concentrate (Reg. No. 71995-25).

The Roundup Weed & Grass Killer₁ Ready-To-Use (71995-23) master label is being revised to incorporate new packaging related instructions and claims for the redesigned Pull N' Spray package (also referred to as PNS II) and for a new foaming package. Refill instructions for PNS II have also been added per the Agency's acceptance, as documented in 14 February 2001 letter to Paula Bodey of The Scotts Company. An additional modification is being made to the *When To Harvest* section allowing for the option to specify individual intervals (current text) or to use the blanket interval of 21 days which is currently approved under the Reg. No. 71995-8.

The Roundup Weed & Grass Killer Concentrate (71995-26) and Roundup Weed & Grass Killer Super Concentrate (71995-25) master labels are being revised to include refill instructions for all Roundup Ready-To-Use containers. The recommended refill rates are double the "for best results" use rate on the respective labels. This is necessary in order to obtain the same concentration of glyphosate in the original Roundup Ready-To-Use (71995-23) products which are now twice as strong (1.96% glyphosate). In addition, new alternate brand named products will be introduced which provide for quick and easy refill of the PNS II package, each container will equal one PNS II refill. Therefore additional packaging instructions and claims are being included for these refill products (Roundup PNS Refill Concentrate and Roundup PNS Refill Super Concentrate).

Monsanto Company and The Scotts Company will present to the Agency an actual production PNS II unit at end of April and will ask for final approval of the redesigned package. Monsanto would like to request that the Agency approve these amendments within a week of the Agency approving the final design.

The following documents are enclosed with this letter:

- Three (3) Applications for Pesticide - Amendment (form 8570-1)
- Five (5) copies of the revised Roundup RTU, Concentrate, and Super Concentrate labels
- One (1) copy of the revised Roundup RTU, Concentrate, and Super Concentrate labels highlighting revisions to the most recent approved label

Should you require any additional information or have any questions, please contact Dr. Marsha Gray at our Washington office (202) 783-2460 or me directly at (314) 694-8785 or rmmann@monsanto.com.

Sincerely,



Rhonda M. Mannion
Registration Manager

cc: V. Walters
M. Gray
D. Fee-White
J. Dobslaw
File room copy



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☒ Amendment
☐ Other

OPP Identifier Number

284886

Application for Pesticide - Section I

1. Company/Product Number 71995-25	2. EPA Product Manager Mr. Jim Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Roundup Weed & Grass Killer Super Concentrate	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company 600 13th Street N.W., Suite 660 Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 4120101 Product Name	

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated
<input type="checkbox"/> Resubmission in response to Agency letter dated	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission of revised master label.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Dr. Marsha Gray		Title Registration Manager	
		Telephone No. (Include Area Code) (202) 783-2460	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature Rhonda M. Mann		3. Title Registration Manager	
4. Typed Name Rhonda M. Mannion		5. Date 4 April 2001	

Roundup Weed & Grass Killer Super Concentrate ~~Weed & Grass Killer₂~~
EPA Reg No. 71995-25

[Editorial Notes: Bracketed text [] is for internal use or serves as a 'place holder' for graphics. Parenthetical text () denotes optional wording.]

[Refer to APPENDIX 1 for consolidated list of label claims.]

[Refer to APPENDIX 2 for packaging related claims/instructions]

*shows
changes*

Roundup® Weed & Grass Killer Super Concentrate

Alternate Brand Names: Roundup Pull N' Spray Refill Super Concentrate
Roundup Pull N' Spray II Refill Super Concentrate

Active Ingredient

Glyphosate, isopropylamine salt 50.2 %

Other Ingredients 49.8 %

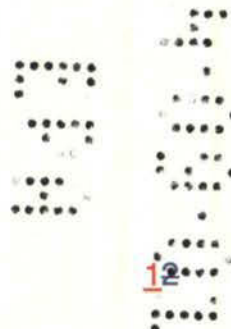
KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel booklet for additional precautionary statements.

(Read precautions and directions on back label.)

NET []



Roundup Weed & Grass Killer Super Concentrate ~~Weed & Grass Killer~~₂
EPA Reg No. 71995-25

Product Facts

Treats up to xx sq ft (approx. size of XX tennis courts)

[When calculating coverage, one gallon treats 300 sq ft and a tennis court is 2,106 sq ft.]

KILLS WEEDS *[Illustrate grassy, broadleaf and woody weeds]*
ALL TYPES OF WEEDS & GRASSES

WHERE TO USE

- On patios, walkways, driveways, gravel or mulch beds
- Around fruits, vegetables, flowers, shrubs or trees
- Along fences
- In large areas - For lawn replacement
- For garden plot preparation

AMOUNT TO USE **For best results**

- 2½ fl oz (5 Tbs) per gallon of water (for established or tough weeds)

[For Roundup Pull N' Spray (II) Refill Super Concentrate]

To refill Roundup Pull N' Spray (II)

- Empty entire contents (6.5 oz) into empty 1.33 gallon Roundup Pull N' Spray (II) container and fill with water.

[phone icon] **Questions, Comments or Medical Information**
call 1-800-225-2883 www.roundup.com
(call 1-888-Roundup)

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS

[optional tank sprayer illustration]

Tank Sprayer (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)

- For easy to kill weeds such as seedlings, add 1½ fl oz (3 Tbs) to 1 gallon of water
- (For tough established weeds / For best results,) add 2½ fl oz (5 Tbs) to 1 gallon of water
- Spot treat or spray evenly over 300 sq ft.

Roundup Weed & Grass Killer Super Concentrate ~~Weed & Grass Killer₂~~
EPA Reg No. 71995-25

[optional DNS illustration]

Hose-End Sprayer

For large areas consider using the Ortho Dial 'n Spray®

- Set dial to 2½ oz.
- To sprayer jar add 2½ fl oz (5 Tbs) for each 300 sq ft. DO NOT add water.
- Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

[optional PNS (II) illustration]

Roundup Pull N' Spray (II)

- Add entire contents of 6.5 fl oz (13 Tbs) Roundup Pull N' Spray (II) Refill Super Concentrate to the empty Roundup Pull N' Spray (II) container and fill with water.

OR

- Add 6.5 fl oz (13 Tbs) Roundup Super Concentrate to the empty Roundup Pull N' Spray (II) container and fill with water.

1 Tablespoon (Tbs) = 3 teaspoons (tsp)

1 fl oz = 2 Tbs

Do not (mix, store or) apply with (in) a galvanized or unlined steel (except stainless steel) sprayer, or through any irrigation system.

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

HOW TO APPLY *[optional illustration]*

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a sheet (piece) of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

IMPORTANT

Do not spray plants or grasses you like - they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

WHEN TO APPLY *[optional illustration]*

Roundup Weed & Grass Killer Super Concentrate ~~Weed & Grass Killer~~₂
EPA Reg No. 71995-25

- Apply when weeds are actively growing. Use anytime weeds and grasses are actively growing.
- For best results, apply during warm, sunny weather (above 60° F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- (RAIN-PROOF:) Rain or watering 2 hours after application will not wash away effectiveness.
- Apply when weeds are small and before seeds form. Established (Hard to kill) weeds may require a repeat application.

ADDITIONAL TIPS *[optional illustration]*

• **To Kill Vines**

- If vines are growing up poles, fences, or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
- If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a sheet (piece) of cardboard or plastic

• **To Kill Bamboo**

- Cut canes close to the ground.
- Make cut just below a stem joint to create a hollow stem reservoir.
- Pour 1 Tbs of undiluted product into the hollow stem reservoir.
- Browning of the canes will occur in 7-14 days.
- Spray foliage if regrowth occurs.

• **To Kill Stumps**

- Cut living stump close to ground.
- Drive 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

• **For Lawn Replacement**

- Use Roundup to kill a (an old) lawn and (its) weeds before planting (a) new lawn.
- Skip one mowing before spraying.
 - Use 2½ fl oz (5 Tbs) per gallon of water for each 300 sq ft.
 - If soil is dry, water before application and 2 to 3 days after application.
 - If green patches remain after 7 days, reapply.
 - Wait 7 days after last application to rake, till or replant with seed or sod.

(Alternate text)

- Wait 7 days for weeds and lawn to die. Repeat if necessary.
- Rake or till to prepare area for planting seed or sod.

• **Kudzu**

For best results, apply in mid to late summer when vines are mature and actively growing.

Roundup Weed & Grass Killer Super Concentrate ~~Weed & Grass Killer₂~~
EPA Reg No. 71995-25

- **Wild Blackberry**

Spray anytime plants are actively growing. Dead canes should be cut down and removed. Reapplication is often required to kill deep roots.

- **Poison Ivy & Poison Oak**

Contact with these plants anytime of the year can cause an allergic reaction. Spray anytime plants are actively growing, but at least 4 weeks before the first killing frost in the fall. Reapply, if new growth appears. Handle dead plants with rubber gloves. Dispose of plants and rubber gloves in tightly sealed garbage bags.

- **For Flowerbed & Garden Preparation**

Use Roundup to kill weeds, grasses and brush before planting flowers, fruits, vegetables or herbs.

- If soil is dry, water before application and 2 to 3 days after application.
- Apply evenly over treatment area.
- Wait the number of days indicated below before planting.

WHEN TO REPLANT *[optional illustration]*

- All ornamental flowers, trees and shrubs and the following berries, fruits, vegetables and herbs may be planted **1 day after** application:
Artichoke (Jerusalem), beans (all), beet greens, blackberry, blueberry, boysenberry, broccoli, brussels sprouts, cabbage (all), carrot, cauliflower, celery, chard (Swiss), chicory, collards, cranberry, currant, dewberry, elderberry, endive, gooseberry, horseradish, huckleberry, kale, kohlrabi, leek, lentils, lettuce, loganberry, mustard greens, okra, olallieberry, onion, parsley, parsnips, potato, radish, rape greens, raspberry (black and red), rhubarb, rutabaga, spinach, sweet potato, turnip and yams.
- The following fruits, vegetables and herbs may be planted **3 days after** application:
Corn, cucumber, eggplant, garlic, gourds, melons (all), peas (all), peppers (all), pumpkin, squash (summer and winter), tomatillo, tomato (by seed) and watercress.
- Tomatoes from transplant and unlisted fruits, vegetables and herbs may be planted **30 days after** application.
- Lawn grasses may be planted **7 days after** application.

WHEN TO HARVEST *[optional illustration]*

If used to control weeds around fruits or nuts, allow the following number of days before harvesting:

- Citrus (citron, grapefruit, lemon, lime, mandarin, orange, tangelo and tangerine) – **1 day**.
- Nuts (almond, beechnut, cashew, chestnut, hazelnut, pecan, pistachio and walnut) – **3 days**.
- Apple, avocado, banana (plantains), berries (except cranberries), dates, figs,

Roundup Weed & Grass Killer Super Concentrate Weed & Grass Killer₂
EPA Reg No. 71995-25

grapes, kiwi fruit, loquat, passion fruit, pear, persimmon, pomegranate and quince –
14 days.

- Apricot, cherries, nectarine, olives, peach, plum and prunes– **17 days.**

(OR)

- If used to control weeds around fruit or nut trees, caneberries or grapevines, allow 17 days before harvesting.

HOW IT WORKS *[optional illustration]*

Roundup enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found (only) in plants. Any product (Roundup) not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

KILLS ALL TYPES OF WEEDS & GRASSES *[optional illustration]*

Weeds (including): Artichoke thistle, beggarweed, black medic, blue mustard, blue toadflax, brassbuttons, broadleaf plantain, burclover, buttercup, Canada thistle, cattail, chickweed, cocklebur, common groundsel, common mullein, common plantain, common ragweed, creeping beggarweed, creeping-charlie, curly dock, dandelion, dog fennel, evening primrose, false dandelion, fiddleneck, field bindweed (wild morningglory), field pennycress, filaree, Florida pusley, garden spurge, henbit, horsetail, horseradish, horseweed/ maretail, iceplant, knapweed, knotweed, lambsquarters, lantana, little bittercress, London rocket, mallow, mayweed, milkweed, mouseear chickweed, narrowleaf (buckhorn) plantain, nightshade (silverleaf), oldenlandia, oxalis, Pennsylvania smartweed, pennywort, poison hemlock, prickly lettuce, primrose, prostrate spurge, puncturevine, ragweed, red clover, redroot pigweed, shepherdspurge, smooth catsear, smooth pigweed, sowthistle, spotted spurge, tansy ragwort, tansymustard, teaweed, trumpetcreeper, tumble mustard, Virginia creeper, white clover, whitetop, wild barley, wild mustard, wild oats, wild sweet potato, yellow starthistle, and other broadleaf weeds

Grasses (including): Annual bluegrass, annual ryegrass, bahiagrass, barnyardgrass, bentgrass, Bermudagrass, brome grass, Cogongrass, crabgrass, creeping bentgrass, dallisgrass, fall panicum, fescue, field sandbur, foxtail, goosegrass, guineagrass, Johnsongrass, Kentucky bluegrass, kikuyugrass, lovegrass, maidencane, nimblewill, nutsedge, orchardgrass, pampas grass, perennial ryegrass, purple nutsedge, quackgrass, sandspur, smooth brome grass, sprangletop, St. Augustinegrass, tall fescue, Texas panicum, Timothy, torpedograss, vaseygrass, witchgrass, yellow nutgrass, zoysia and other grassy weeds

Roundup Weed & Grass Killer Super Concentrate Weed & Grass Killer₂
EPA Reg No. 71995-25

Brush (Tough Weeds) Unwanted Tress, Shrubs & Vines (including):

Alder, ash, (quacking) aspen, bamboo, blackberry, bluegum eucalyptus, broom (French, Scotch), buckwheat, ceanothus, chamise, cherry, coyote brush, dewberry, elderberry, elm, eucalyptus, giant reed, hawthorn, hazel, honeysuckle, kudzu, locust, madrone, maple, oak, persimmon, poison oak, poison ivy, poplar, raspberry, sage, sagebrush, salmonberry, saltcedar, sassafras, sumac, sweetgum, tan oak, thimbleberry, tree tobacco, wild rose (multiflora) willow and other tough weeds

[re-entry icon] People and pets may enter treated area after spray has dried.

STORAGE AND DISPOSAL [trash can illustration]

STORAGE: Store in original container in a safe place.

DISPOSAL: **Empty Container:** Do not reuse container. -Put in trash. (Recycle where available.) **Partially Full Container:** Call your local waste disposal service (or 1-800-CLEANUP). If local laws permit, put partially full container in trash. Never pour product down any drain.

HOW TO REFILL ROUNDUP READY-TO-USE CONTAINERS

- **24 fl oz Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 1 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **½ Gallon Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 2½ fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **Gallon Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 5 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **1.33 Gallon Roundup PNS (II):**
To empty container add 6.5 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **6L Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 8 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- **2 Gallon Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 10 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.

PRECAUTIONARY STATEMENTS *[optional illustration]*

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

FIRST AID	
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently for 15-20 minutes.• Remove contact lenses, if present, after first 5 minutes, then continue rinsing.• Call a poison control center (1-800-225-2883 or 1-888-768-6387 or 1-888-Roundup) or doctor for treatment advice.
Emergency Medical Information	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-800-225-2883 (1-888-768-6387 or 1-888-Roundup) for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

This product is protected by U.S. Patents No. 4,405,531 and No. 5,703,015 **and No. 6,063,733 and No. 6,121,199 and No. 6,121,200.** Other patents pending. No license granted under any non-U.S. patent(s).

This is an end-use product. Monsanto does not intend and has not registered it for reformulation or repackaging.

[phone icon] **Questions, Comments or Medical Information**
call 1-800-225-2883 www.roundup.com
(call 1-888-Roundup)

Roundup is a trademark of Monsanto Company

©[] MONSANTO COMPANY

Manufactured for
Monsanto Company, Lawn & Garden Products
P.O. Box 1750
Columbus, OH 43216
Form []
EPA Reg. No. 71995-25
EPA Est. 239-IA-3¹, 58996-MO-1^A
Superscript is first letter of lot number
Made in USA

APPENDIX 1 – Consolidated List of Label Claims
[Ordered alphabetically]

- 20% more concentrated
 - 20% stronger
 - 20% stronger to speed absorption to the root
 - Absorbed into both broadleaf and grassy weeds
 - Absorbs on contact, starts working immediately
 - Also use for large jobs such as lawn renovation and vegetable and flower garden
 - —preparation
 - Approved for most (many) lawn and garden uses.
 - Before [*weed graphics*] / After [*weed graphics*]
 - Begins absorbing on contact
 - Can be used around (small) fruits and vegetables
 - Can be used for habitat restoration, controlling exotic vegetation, and for site
 - —preparation of wildlife food plots.
 - Can reseed or sod lawns 7 days after treatment
 - Concentrated for extra value
 - Covers up to 300 sq ft per gallon of spray
-
- Dead Weeds Guaranteed
 - Dead Weeds Guaranteed or Your Money Back
 - Does not have soil activity
 - Economical
 - Economical concentrate formula
 - Easy to apply with an Ortho Dial 'n Spray®, hose-end, tank or (hand held) trigger
 - —sprayer
 - Even if it rains – Roundup won't lose its effectiveness
 - Exclusive Roundup formula
 - For control that doesn't (won't) wash away
 - For general weed control - kills weeds and grasses in 2 to 4 weeks - roots and all
 - Guaranteed same effective results even if it rains within hours
 - Improved extra strength formula
 - Improved formula, completely kills even the toughest weeds and grasses
 - Improved formulation -now RainFast - fast uptake
-
- Kills almost all (annual and perennial) weeds, grasses and other unwanted plants
 - Kills existing weeds only, no residual activity in soil
 - Kills more weeds in more places
 - Kills over 100 weeds
 - Kills the root so weeds don't come back
 - Kills the roots of (both) broadleaf and grassy weeds
 - Kills the weed you see and the root you don't
 - Kills (to) the root
 - Kills unwanted weeds and grasses, roots and all

Roundup Weed & Grass Killer Super Concentrate ~~Weed & Grass Killer₂~~
EPA Reg No. 71995-25

- Kills weeds in flowerbeds, around trees, shrubs and fences, and on patios, paths,
- —sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard.
- Kills weeds, roots and all
-
- Lawns and gardens can be reseeded or planted soon after treatment
- Make only what you need
- Multipurpose grass and broadleaf weed control
- NEW!
- No odor
- No root. No weed. No problem.
- NOW!
- Now a shorter wait for replanting!
- Once it enters the plant, it won't wash off
- Ornamental gardens can be reseeded or planted 1 day after treatment.
-
- RainFast in hours - enters the plant on contact
- RAIN-PROOF™
- RAIN-PROOF™ in two hours
- (Roundup) Kills the weed you see and the root others leave behind
- Roundup kills weeds and grasses in – Patios – Driveways – Sidewalks – Gardens and
- —other non-lawn areas
- Satisfaction guaranteed or we will gladly refund purchase price
- Satisfaction guaranteed or your money back with proof of purchase
- Speeds absorption to the root for complete kill
- Spray weeds (Use) in flowerbeds, around trees, shrubs and around fences, and on
- —patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in
- —your yard
- Starts working immediately
- Stronger
- Tougher formula
- Transorb technology speeds Roundup to the root to kill even tough weeds
-
- Ultra concentrated formula, 20% more weed killing power
- Ultra formula
- Use around fruits and vegetables.
- (Use) For Bamboo Control
- (Use) For Brush Control
- (Use) For General Weed Control: Use along fences, paths, patios, sidewalks and
- —driveways, around trees, shrubs, ornamental plantings, flowerbeds, and buildings,
- —and in brick and gravel walkways. Use to trim and edge landscape areas
- (Use) For Landscaping: Use to prepare areas for planting of ornamentals, trees,
- —shrubs, desert landscapes, rock gardens, flowerbeds or similar plantings
- Use for large jobs like garden plot preparation and lawn replacement (renovation)
- (Use) For Lawn Renovation
- (Use) For Spot Spraying: Use in and around flowerbeds, ornamental, fruit and nut

Roundup Weed & Grass Killer Super Concentrate ~~Weed & Grass Killer₂~~
EPA Reg No. 71995-25

trees,

- —grapevines, shrubs, fences, driveways and walkways
 - (Use) For Stumps
 - (Use) For Wildlife Areas: Use to prepare areas for planting wildlife food. Exotic or
 - —undesirable plants can be controlled to allow for planting or recovery of native plant
 - —species. Spot treatments can be made to selectively remove unwanted plants.
 - (Use in) Apply with a Big Shot™ Multi-Purpose Sprayer or other tank sprayer, Ortho
 - —Dial 'n Spray® or other hose-end sprayer, or a (hand held) trigger sprayer
 - Use to prepare sites: for large plantings, for planting flowerbeds, fruit trees,
 - —ornamentals, vegetables and gardens, and for renovating lawns
 - Use to refill Roundup Ready-To-Use containers
-
- Visible effects are gradual wilting and yellowing advancing to complete browning and
 - —root destruction
 - Visible results in 2 to 4 days
 - Water based formula
 - Won't wash away
 - Won't wash off
 - Works first time, every time
 - Works only when absorbed by the foliage of weeds
- [Promotional options]
- Free [] with this purchase of Roundup concentrate quart
 - FREE REFILL
 - FREE SAMPLE
 - Free weed guide inside
 - SAMPLE NOT FOR SALE
 - Save up to \$[x] on (your) next purchase

APPENDIX 2 – Packaging Related Claims

NET xx fl oz (qt or gal) (xx mL or L)
8 fl oz (237 mL)
16 fl oz (1 pt) (473 mL)
32 fl oz (1 qt) 946 mL)
53 fl oz (0.42 gal) (1.5 L)
128 fl oz (1 gal) (3.79 L)

[corner flap]

OPEN

Resealable Label for Directions & Precautions

PULL HERE TO OPEN LABEL

PEEL HERE

PEEL OPEN FOR USE DIRECTIONS AND FURTHER INFORMATION

PRESS TO RESEAL

[Net contents] Makes up to 'X' gallons

Makes between 'X' and 'Y' gallons

Mix with water to make 'X' gallons of spray solution

Covers up to 'Z' sq ft

Mix with water to cover up to 'Z' sq ft

[$X = \text{net contents} \div 1.5$]

[$Y = \text{net contents} \div 2.5$]

[$Z = X \times 300$]

[6.5 oz PNS (II) Refill Super Concentrate]

Pre-measured

Convenient

Refills (Refill for) (Roundup) Pull N' Spray (II)

Use to refill (Roundup) Pull N' Spray (II)

Refill (Roundup) Pull N' Spray (II) and save

Save money

Easy-to-pour

Refill

Makes one (1) refill for (Roundup) Pull N' Spray (II)

NEW

NOW

(Roundup) Pull N' Spray (II) Refill

Compare to the price of a new (Roundup) Pull N' Spray (II)

No mess

No messy clean-up

No measuring

Easy-to-use

Save time

Roundup Weed & Grass Killer Super Concentrate ~~Weed & Grass Killer₂~~
EPA Reg No. 71995-25

Less waste
Treat more weeds for less money
Treat twice as many weeds for less money
Great (Excellent) (Outstanding) value
Value Refill Bottle
Pull N' Spray (II) Refill
More economical
Just pour
Quick and (&) Easy
Just pour and (&) add water
Hassle free
Simple
Just pour, fill, and (&) spray

[Pint] Makes up to 10 gallons
Makes between 6 – 10 gallons
Mix with water to make 10 gallons of spray solution
Covers up to 3,000 sq ft
Mix with water to cover up to 3,000 sq ft

[Quart] Makes up to 21 gallons
Makes between 12 – 21 gallons
Mix with water to make 21 gallons of spray solution
Covers up to 6,300 sq ft
Mix with water to cover up to 6,300 sq ft

[0.42 Gallon] Makes up to 35 gallons
Makes between 21 – 35 gallons
Mix with water to make 35 gallons of spray solution
Covers up to 10,500 sq ft
Mix with water to cover up to 10,500 sq ft

[Gallon] Makes up to 85 gallons
Makes between 51 – 85 gallons
Mix with water to 85 gallons of spray solution
Covers up to 25,500 sq ft
Mix with water to cover up to 25,500 sq ft

New! Larger size, covers up to ['Z'] sq ft

MONSANTO

Food • Health • Hope™



MONSANTO COMPANY
600 13TH STREET, N.W.
SUITE 660
WASHINGTON, D.C. 20005
TEL: (202) 783-2460
FAX: (202) 783-2468

March 27, 2001

Hand Delivered

Document Processing Center (NOTIF)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2,
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

Attention: Mr. Dan Rosenblatt
Acting Product Manager (Team 25)

Subject: **Roundup® Weed & Grass Killer Super Concentrate (EPA Reg. No. 71995-25).
Submission of Final Printed Labels.**

Dear Mr. Rosenblatt:

Monsanto is submitting three (3) copies of the final printed label for Roundup® Weed & Grass Killer Super Concentrate (print plate no. 21180Y4-10 and 21180Y3-11). These labels are identical to the previously submitted final printed labels which were submitted on 15 September 2000 except that all precautionary language and active ingredient statements on the front panel are now printed in black ink. The Agency approved this product on 3 December 1999 under EPA Registration Number 71995-25 with a subsequent label amendment approved on 25 May 2000.

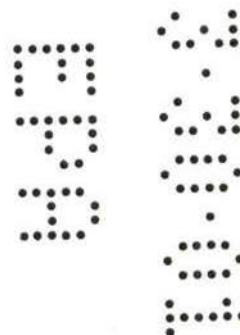
Should you have any questions, please contact Ms. Marsha Gray at our Washington office (202) 783-2460 or me directly at (314) 694-8785.

Sincerely,

Rhonda M. Mannion
Registration Manager

cc: Ms. Shana Arnold (EPA)
M. Gray
Mannion file

Enclosure





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 71995-25	2. EPA Product Manager Mr. Dan Rosenblatt	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Roundup Weed & Grass Killer Super Concentrate	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company 600 13th Street N.W., Suite 660 Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to wilfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
If "Yes" Unit Packaging wgt. No. per container			If "Yes" Package wgt. No. per container	<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Dr. Marsha Gray		Title Registration Manager	
		Telephone No. (Include Area Code) (202) 763-2468	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 		3. Title Registration Manager	
4. Typed Name Rhonda M. Mannion		5. Date 27 March 2001	

NEW
STRONGER!
DEAD WEEDS
GUARANTEED!

Roundup

WEED & GRASS KILLER

SUPER CONCENTRATE

**NO ROOT.
NO WEED.
NO PROBLEM.™**

PPN 2118074-10 (001801)



Active Ingredient
Glyphosate, isopropylamine salt 50.2%
Other Ingredients 49.8%

**KEEP OUT OF
REACH OF CHILDREN**
See back panel booklet for
additional precautionary statements. **CAUTION**

NET 128 FL. OZ (1 GAL)

Except Change NOT REVIEWED
In Accordance with PR Notice 82-2
Based on Draft Labeling Dated
F. Scott 4-4-2001



OPEN
Resealable Label
for Directions &
Precautions

PRODUCT FACTS

RAIN-PROOF IN TWO HOURS
FOR CONTROL THAT WON'T WASH AWAY

Makes up to 85 Gallons
Treats up to 25,500 sq ft (approx. size of 12 tennis courts)

KILLS WEEDS



ALL TYPES OF WEEDS & GRASSES

WHERE TO USE

- ✓ On patios, walkways, driveways, gravel or mulch beds
- ✓ Around fruits, vegetables, flowers, shrubs or trees
- ✓ Along fences
- ✓ In large areas – For lawn replacement
– For garden plot preparation

AMOUNT TO USE

For Best Results –
2½ fl oz (5 Tbs) per gallon of water



Questions, Comments or Medical Information:
Call 1-888-ROUNDUP

www.roundup.com



PRESS TO RESEAL

For easy to kill weeds such as seedlings
add 1½ fl oz (3 Tbs) to 1 gallon of water.

© 2000 MONSANTO COMPANY
Manufactured for
Monsanto Company, Lawn & Garden Products
P.O. Box 1750, Columbus, OH 43216
PPN 21180Y3-11 (001701)
EPA Reg. No. 71995-25
EPA Est. 239-IA-3, 58996-MO-1A
Superscript is first letter of lot number

Made in USA



0 70183 50042 0

1020

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS

Tank Sprayer (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)

- Add 2½ fl oz (5 Tbs) to 1 gallon of water.
- Spot treat or spray evenly over 300 sq ft.

Hose-End Sprayer

For large areas, consider using the Ortho® Dial 'n Spray®

- Set dial to 2½ oz.
- To sprayer jar add 2½ fl oz (5 Tbs) for each 300 sq ft. **DO NOT** add water.
- Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

1 Tablespoon (Tbs) = 3 teaspoons (tsp) 1 fl oz = 2 Tbs

For easy to kill weeds such as seedlings add 1½ fl oz (3 Tbs) to 1 gallon of water.

Do not apply with a galvanized or unlined steel (except stainless steel) sprayer or through any irrigation system.

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

How To Apply

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a piece of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

Important: Do not spray plants or grasses you like – they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

When To Apply

- Apply when weeds are actively growing. Use anytime weeds and grasses are actively growing.
- For best results, apply during warm, sunny weather (above 60°F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- **RAIN-PROOF:** Rain or watering 2 hours after application will not wash away effectiveness.

Additional Tips

To Kill Vines

- If vines are growing up poles, fences or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
- If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a piece of cardboard or plastic.

To Kill Bamboo

- Cut canes close to the ground.
- Make cut just below a stem joint to create a hollow stem reservoir.
- Pour 1 Tbs of undiluted product into the hollow stem reservoir.
- Browning of the canes will occur in 7-14 days.
- Spray foliage if regrowth occurs.

To Kill Stumps

- Cut living stump close to ground.
- Drive 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

For Lawn Replacement

Use Roundup to kill lawn and weeds before planting new lawn.

- Skip one mowing before spraying.
- Use 2½ fl oz (5 Tbs) per gallon of water for each 300 sq ft.
- If soil is dry, water before application and 2 to 3 days after application.
- If green patches remain after 7 days, reapply.
- Wait 7 days after last application to rake, till or replant with seed or sod.



Weed & Grass Killer Super Concentrate

When To Replant

- All ornamental flowers, trees and shrubs and the following berries, fruits, vegetables and herbs may be planted **1 day after** application:

Artichoke (Jerusalem), beans (all), beet greens, blackberry, blueberry, boysenberry, broccoli, brussels sprouts, cabbage (all), carrot, cauliflower, celery, chard (Swiss), chicory, collards, cranberry, currant, dewberry, elderberry, endive, gooseberry, horseradish, huckleberry, kale, kohlrabi, leek, lentils, lettuce, loganberry, mustard greens, okra, olallieberry, onion, parsley, parsnips, potato, radish, rape greens, raspberry (black and red), rhubarb, rutabaga, spinach, sweet potato, turnip and yams.

- The following fruits, vegetables and herbs may be planted **3 days after** application:

Corn, cucumber, eggplant, garlic, gourds, melons (all), peas (all), peppers (all), pumpkin, squash (summer and winter), tomatillo, tomato (by seed) and watercress.

- Lawn grasses may be planted **7 days after** application.
- Tomatoes from transplant and unlisted fruits, vegetables and herbs may be planted **30 days after** application.

How It Works

Roundup enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found only in plants. Any product not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

Satisfaction guaranteed or your money back with proof of purchase

STORAGE AND DISPOSAL

STORAGE: Store in original container in a safe place.

© 2000 MONSANTO COMPANY

Manufactured for Monsanto Company, Lawn & Garden Products

P.O. Box 1750, Columbus, OH 43216

EPA Reg. No. 71995-25

EPA Est. 239-1A-3, 58996-MO-1A Superscript is first letter of lot number

DISPOSAL: Empty Container: Put in trash. (Recycle where available.) Partially Full Container: Call your local waste disposal service. If local laws permit, put partially full container in trash. Never pour product down any drain.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.



People and pets may enter treated areas after spray has dried.

FIRST AID

- | | |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| If in eyes | <ul style="list-style-type: none">• Hold eye open and rinse slowly and gently for 15-20 minutes.• Remove contact lenses, if present, after first 5 minutes, then continue rinsing.• Call a poison control center 1-888-768-6387 or doctor for treatment advice. |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Emergency Medical Information:

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-888-768-6387 for emergency medical treatment information.

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.



Questions, Comments or Medical Information:
Call 1-888-ROUNDUP www.roundup.com

This product is protected by U.S. Patents No. 5,683,958 and No. 5,703,015 and No. 6,063,733 and No. 6,121,199 and No. 6,121,200. No license granted under any non-U.S. patent(s).

This is an end-use product. Monsanto does not intend and has not registered it for reformulation or repackaging.

Roundup is a trademark of Monsanto Company.

PPN 21180Y3-11 (001701)

Made in USA

PRESS TO RESEAL

NEW

STRONGER!
DEAD WEEDS
GUARANTEED!

Roundup

WEED & GRASS KILLER

SUPER CONCENTRATE

**NO ROOT.
NO WEED.
NO PROBLEM.™**

PPN 2118014-10 (001801)



Active Ingredient
Glyphosate, isopropylamine salt 50.2%
Other Ingredients 49.8%

**KEEP OUT OF
REACH OF CHILDREN**

See back panel booklet for
additional precautionary statements.

CAUTION

NET 128 FL. OZ. (1 GAL)



**Weed & Grass Killer
Super Concentrate**

OPEN
Resealable Label
for Directions &
Precautions

PRODUCT FACTS

Makes up to 85 Gallons

Treats up to 25,500 sq ft (approx. size of 12 tennis courts)

**KILLS
WEEDS**



ALL TYPES OF WEEDS & GRASSES

**WHERE
TO USE**

- ✓ On patios, walkways, driveways, gravel or mulch beds
- ✓ Around fruits, vegetables, flowers, shrubs or trees
- ✓ Along fences
- ✓ In large areas – For lawn replacement
– For garden plot preparation

**AMOUNT
TO USE**

For Best Results –

2½ fl oz (5 Tbs) per gallon of water



Questions, Comments or Medical Information:
Call 1-888-ROUNDUP

www.roundup.com



RAIN-PROOF™ IN TWO HOURS
FOR CONTROL THAT WON'T WASH AWAY

PRESS TO RESEAL

For easy to kill weeds such as seedlings
add 1½ fl oz (3 Tbs) to 1 gallon of water.

© 2000 MONSANTO COMPANY

Manufactured for

Monsanto Company, Lawn & Garden Products

P.O. Box 1750, Columbus, OH 43216

PPN 21180Y3-11 (001701)

EPA Reg. No. 71995-25

EPA Est. 239-1A-31, 58996-MO-1A

Superscript is first letter of lot number

Made in USA



0 70183 50042 0

1020

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS

Tank Sprayer

- plastic-lined steel or stainless steel
- Add 2½ fl oz (5 Tbs) to 1 gallon of water.
- Spot treat or spray evenly over 300 sq ft.

Hose-End Sprayer

- For large areas, consider using the Ortho® Dial 'n Spray®
- Set dial to 2½ oz.
- To sprayer jar add 2½ fl oz (5 Tbs) for each 300 sq ft.
- **DO NOT** add water.
- Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

1 Tablespoon (Tbs) = 3 teaspoons (tsp) 1 fl oz = 2 Tbs
For easy to kill weeds such as seedlings add 1½ fl oz (3 Tbs) to 1 gallon of water.

Do not apply with a galvanized or unlined steel (except stainless steel) sprayer or through any irrigation system.

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

How To Apply

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a piece of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

Important: Do not spray plants or grasses you like – they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

When To Apply

- Apply when weeds are actively growing. Use anytime weeds and grasses are actively growing.
- For best results, apply during warm, sunny weather (above 60°F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- **RAIN-PROOF:** Rain or watering 2 hours after application will not wash away effectiveness.

Additional Tips

To Kill Vines

- If vines are growing up poles, fences or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
- If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a piece of cardboard or plastic.

To Kill Bamboo

- Cut canes close to the ground.
- Make cut just below a stem joint to create a hollow stem reservoir.
- Pour 1 Tbs of undiluted product into the hollow stem reservoir.
- Browning of the canes will occur in 7-14 days.
- Spray foliage if regrowth occurs.

To Kill Stumps

- Cut living stump close to ground.
- Drive 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

For Lawn Replacement

- Use Roundup to kill lawn and weeds before planting new lawn.
- Skip one mowing before spraying.
- Use 2½ fl oz (5 Tbs) per gallon of water for each 300 sq ft.
- If soil is dry, water before application and 2 to 3 days after application.
- If green patches remain after 7 days, reapply.
- Wait 7 days after last application to rake, till or replant with seed or sod.

Roundup® Weed & Grass Killer Super Concentrate

When To Replant

- All ornamental flowers, trees and shrubs and the following berries, fruits, vegetables and herbs may be planted **1 day after** application:

Artichoke (Jerusalem), beans (all), beet greens, blackberry, blueberry, boysenberry, broccoli, brussels sprouts, cabbage (all), carrot, cauliflower, celery, chard (Swiss), chicony, collards, cranberry, currant, dewberry, elderberry, endive, gooseberry, horseradish, huckleberry, kale, kohlrabi, leek, lentils, lettuce, loganberry, mustard greens, okra, ojalieberry, onion, parsley, parsnips, potato, radish, rape greens, raspberry (black and red), rhubarb, rutabaga, spinach, sweet potato, turnip and yams.

- The following fruits, vegetables and herbs may be planted **3 days after** application:

Corn, cucumber, eggplant, garlic, gourds, melons (all), peas (all), peppers (all), pumpkin, squash (summer and winter), tomato, tomato (by seed) and watercress.

- Lawn grasses may be planted **7 days after** application.
- Tomatoes from transplant and unlisted fruits, vegetables and herbs may be planted **30 days after** application.

How It Works

Roundup enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found only in plants. Any product not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

Satisfaction guaranteed or your money back with proof of purchase

STORAGE AND DISPOSAL

STORAGE: Store in original container in a safe place.

© 2000 MONSANTO COMPANY

Manufactured for Monsanto Company, Lawn & Garden Products
P.O. Box 1750, Columbus, OH 43216
EPA Reg. No. 71995-25
EPA Est. 239-1A-3; 58996-MO-1⁴

Superscript is first letter of lot number

DISPOSAL: Empty Container: Put in trash. (Recycle where available.) Partially Full Container: Call your local waste disposal service. If local laws permit, put partially full container in trash. Never pour product down any drain.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

People and pets may enter treated areas after spray has dried.



FIRST AID

- **If in eyes:** Hold eye open and rinse slowly and gently for 15-20 minutes.
- Remove contact lenses, if present, after first 5 minutes, then continue rinsing.
- Call a poison control center 1-888-768-6387 or doctor for treatment advice.

Emergency Medical Information:

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-888-768-6387 for emergency medical treatment information.

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.



Questions, Comments or Medical Information:
Call 1-888-ROUNDUP
www.roundup.com

This product is protected by U.S. Patents No. 5,683,958 and No. 5,703,015 and No. 6,063,733 and No. 6,121,199 and No. 6,121,200. No license granted under any non-U.S. patent(s).

This is an end-use product. Monsanto does not intend and has not registered it for reformulation or repackaging.

Roundup is a trademark of Monsanto Company.

PPN 21180Y3-11 (001701)

Made in USA



AWP 11/21/2000

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

NOV 30 2000

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Rhonda M. Mannion
Monsanto Company, Lawn and Garden Products
600 13th Street, N.W. Suite 660
Washington, DC 20005

Dear Ms. Mannion:

Subject: Roundup Weed & Grass Killer Super Concentrate (Clarify and Reformat Label)
EPA Registration No. 71995-25
Your Application Dated September 29, 2000

The label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable. The amended labeling supercedes all previously accepted one. A stamped copy of labeling is enclosed for your records.

Sincerely,

Vickie Kwalters for
James A. Tompkins
Product Manager 25
Herbicide Branch
Registration Division (7505C)

NEW
STRONGER!
DEAD WEEDS
GUARANTEED!

Roundup

WEED & GRASS KILLER[®]

SUPER CONCENTRATE

**NO ROOT.
 NO WEED.
 NO PROBLEM.™**

PN 2118072-10 (01/00)

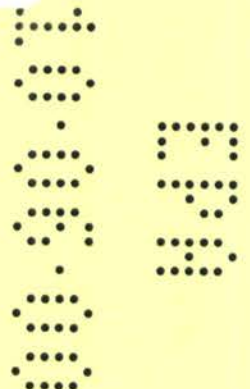
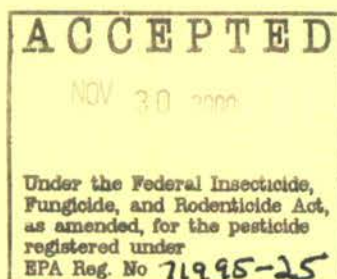


Active Ingredient
 Glyphosate, isopropylamine salt 50.2%
 Other Ingredients 49.8%

KEEP OUT OF
 REACH OF CHILDREN

See back panel booklet for
 additional precautionary statements.

CAUTION
 NET 128 FL. OZ. (1 GAL)



FRONT

71995-25

Roundup® Weed & Grass Killer
Super Concentrate

OPEN
Resealable Label
for Directions &
Precautions

PRODUCT FACTS

Makes up to 85 Gallons
Treats up to 25,500 sq ft (approx. size of 12 tennis courts)

KILLS WEEDS



ALL TYPES OF WEEDS & GRASSES

WHERE TO USE

- ✓ On patios, walkways, driveways, gravel or mulch beds
- ✓ Around fruits, vegetables, flowers, shrubs or trees
- ✓ Along fences
- ✓ In large areas – For lawn replacement
– For garden plot preparation

AMOUNT TO USE

For Best Results –
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Questions, Comments or Medical Information:
Call 1-888-ROUNDUP

www.roundup.com



PRESS TO RESEAL

For easy to kill weeds such as seedlings add 1½ fl oz (3 Tbs) to 1 gallon of water.

© 2000 MONSANTO COMPANY
Manufactured for
Monsanto Company, Lawn & Garden Products
P.O. Box 1750, Columbus, OH 43216
PPN 21180Y2-11 (001700)
EPA Reg. No. 71995-25
EPA Est. 239-IA-31, 58996-MO-1A
Superscript is first letter of lot number

Made in USA



0 70183 50042 0

1020

BACK

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS

Tank Sprayer (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)

- Add 2½ fl oz (5 Tbs) to 1 gallon of water.
- Spot treat or spray evenly over 300 sq ft.

Hose-End Sprayer

For large areas, consider using the Ortho® Dial 'n Spray®

- Set dial to 2½ oz.
- To sprayer jar add 2½ fl oz (5 Tbs) for each 300 sq ft. **DO NOT** add water.
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How To Apply

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- For best results, apply during warm, sunny weather (above 60°F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- **RAIN-PROOF:** Rain or watering 2 hours after application will not wash away effectiveness.

Additional Tips

To Kill Vines

- If vines are growing up poles, fences or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
- If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a piece of cardboard or plastic.

To Kill Bamboo

- Cut canes close to the ground.
- Make cut just below a stem joint to create a hollow stem reservoir.
- Pour 1 Tbs of undiluted product into the hollow stem reservoir.
- Browning of the canes will occur in 7-14 days.
- Spray foliage if regrowth occurs.

To Kill Stumps

- Cut living stump close to ground.
- Drive 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

For Lawn Replacement

Use Roundup to kill lawn and weeds before planting new lawn.

- Skip one mowing before spraying.
- Use 2½ fl oz (5 Tbs) per gallon of water for each 300 sq ft.
- If soil is dry, water before application and 2 to 3 days after application.

- If green patches remain after 7 days, reapply.
- Wait 7 days after last application to rake, till or replant with seed or sod.

Roundup® Weed & Grass Killer Super Concentrate

When To Replant

- All ornamental flowers, trees and shrubs and the following berries, fruits, vegetables and herbs may be planted **1 day after** application:
 - Artichoke (Jerusalem), beans (all), beet greens, blackberry, blueberry, boysenberry, broccoli, brussels sprouts, cabbage (all), carrot, cauliflower, celery, chard (Swiss), chicorny, collards, cranberry, currant, dewberry, elderberry, endive, gooseberry, horseradish, huckleberry, kale, kohlrabi, leek, lentils, lettuce, loganberry, mustard greens, okra, ojalieberry, onion, parsley, parsnips, potato radish, rape greens, raspberry (black and red), rhubarb, rutabaga, spinach, sweet potato, turnip and yams.
- The following fruits, vegetables and herbs may be planted **3 days after** application:
 - Corn, cucumber, eggplant, garlic, gourds, melons (all), peas (all), peppers (all), pumpkin, squash (summer and winter), tomato, tomato (by seed) and watercress.
- Lawn grasses may be planted **7 days after** application.
- Tomatoes from transplant and unlisted fruits, vegetables and herbs may be planted **30 days after** application.

How It Works

Roundup enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found only in plants. Any product not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

Satisfaction guaranteed or your money back with proof of purchase

STORAGE AND DISPOSAL

STORAGE: Store in original container in a safe place.

© 2000 MONSANTO COMPANY

Manufactured for Monsanto Company, Lawn & Garden Products
P.O. Box 1750, Columbus, OH 43216
PPN 21180Y-11 (001700)

EPA Reg. No. 71995-25


EPA Est. 239-1A-3; 56996-MO-1A

Superscript is first letter of lot number

DISPOSAL: Empty Container: Put in trash. (Recycle where available.) **Partially Full Container:** Call your local waste disposal service. If local laws permit, put partially full container in trash. Never pour product down any drain.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

 People and pets may re-enter treated areas after spray has dried.

FIRST AID

- | | |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| If In eyes | <ul style="list-style-type: none">• Hold eye open and rinse slowly and gently for 15-20 minutes.• Remove contact lenses, if present, after first 5 minutes, then continue rinsing.• Call a poison control center 1-888-768-6387 or doctor for treatment advice. |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Emergency Medical Information:

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-888-768-6387 for emergency medical treatment information.

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.



Questions, Comments or Medical Information:
Call 1-888-ROUNDUP www.roundup.com

This product is protected by U.S. Patents No. 4,405,531 and No. 5,703,015. Other patents pending. No license granted under any non-U.S. patent(s).

This is an end-use product. Monsanto does not intend and has not registered it for reformulation or repackaging.

Roundup is a trademark of Monsanto Company.

Made in USA

BACK

MONSANTO
Food • Health • Hope™



MONSANTO COMPANY
600 13TH STREET, N.W.
SUITE 660
WASHINGTON, D.C. 20005
TEL: (202) 783-2460
FAX: (202) 783-2468

September 15, 2000

Hand Delivered

Document Processing Center (NOTIF)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2,
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

Attention: Mr. Jim Tompkins
Product Manager (Team 25)

Subject: **Roundup® Weed & Grass Killer Super Concentrate (EPA Reg. No. 71995-25).
Submission of Final Printed Labels and Notification of Label Text Changes.**

Dear Mr. Tompkins:

Monsanto is submitting three (3) copies of the final printed label for Roundup® Weed & Grass Killer Super Concentrate (print plate no. 21180Y2-10). The Agency approved this product on 3 December 1999 under EPA Registration Number 71995-25. Subsequently a label amendment was submitted and approved by the Agency on 25 May 2000. The final printed label submitted herein is the first label produced under this registration.

The text of the Roundup® Weed & Grass Killer Super Concentrate label is the same as the EPA stamped label dated 25 May 2000 with the following exceptions:

- The *When to Apply* section has been modified to remove the recommendation "*Apply when weeds are small and before seeds form. Established (Hard to Kill) weeds may require a second application*". This statement was an artifact of the old super concentrate label (71995-18) where this recommendation was important for product performance. This recommendation is no longer necessary with this improved formulation since it contains 20% more glyphosate and provides adequate efficacy on mature weeds without repeat application.
- Other minor formatting changes.

Should you have any questions, please contact Ms. Marsha Gray at our Washington office (202) 783-2460 or me directly at (314) 694-8785.

Sincerely,


Rhonda M. Mannion
Registration Manager

cc: M.Gray
D. Hinton
M. Brown
T. Staniforth
A. Hedgecock
Mannion file

Enclosure

1. DATE FILLED		10. DATE PUBLISHED		11. ACTION TYPE		12. OUTGOING DATE	
11/21/2000				Clarify label & Reformat label 300			
NO.	REVIEW TYPE	REVIEWER CODE (Initials)	SIGNATURE OF REVIEWER	COM- MENT CODE	DATE REVIEW COMPLETED		
A	REVIEWABILITY TEAM						
B	PRODUCT MANAGER TEAM EFFICACY REVIEW						
C	PRODUCT MANAGER TEAM HUMAN SAFETY REVIEW						
D	PRODUCT MANAGER TEAM ENVIRONMENTAL SAFETY REVIEW						
E	PRODUCT MANAGER TEAM REGISTRATION REVIEW						
F	PRODUCT MANAGER						
G	INTERAGENCY REFERRAL						
H	COST-BENEFIT REVIEW						
I	PUBLIC COMMENTS REVIEW						
J	EEC BRANCH INVESTIGATIVE EFFICACY						
K	EEC BRANCH HAZARDOUS EFFICACY						
L	EEC BRANCH FUNCTIONAL EFFICACY						
M	EEC BRANCH ROBERTSON EFFICACY						
N	EEC BRANCH SIMPSON EFFICACY						
Q	CHEMISTRY BRANCH HUMAN CHEMISTRY						
P	EEC BRANCH ENVIRONMENTAL CHEMISTRY						
Q	TOXICOLOGY BRANCH HUMAN SAFETY						
R	EEC BRANCH ENVIRONMENTAL SAFETY						
S							
T							
PRODUCT MANAGER SIGNATURE				TYPE OF RESPONSE			CODE

MONSANTO

Food • Health • Hope



MONSANTO COMPANY

600 13TH STREET, NW

SUITE 660

WASHINGTON, D.C. 20005

<http://www.monsanto.com>

September 15, 2000

Hand Delivered

Document Processing Center (NOTIF)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2,
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

Attention: Mr. Jim Tompkins
Product Manager (Team 25)

Subject: **Roundup® Weed & Grass Killer Super Concentrate (EPA Reg. No. 71995-25).
Submission of Final Printed Labels and Notification of Label Text Changes.**

Dear Mr. Tompkins:

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- The *When to Apply* section has been modified to remove the recommendation "*Apply when weeds are small and before seeds form. Established (Hard to Kill) weeds may require a second application*". This statement was an artifact of the old super concentrate label (71995-18) where this recommendation was important for product performance. This recommendation is no longer necessary with this improved formulation since it contains 20% more glyphosate and provides adequate efficacy on mature weeds without repeat application.
- Other minor formatting changes.

Should you have any questions, please contact Ms. Marsha Gray at our Washington office (202) 783-2460 or me directly at (314) 694-8785.

Sincerely,

Rhonda M. Mannion

Rhonda M. Mannion
Registration Manager

cc: M.Gray
D. Hinton
M. Brown
T. Staniforth
A. Hedgecock
Mannion file

Enclosure



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 71995-25	2. EPA Product Manager Mr. Jim Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Roundup Weed & Grass Killer Super Concentrate	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company 600 13th Street N.W., Suite 660 Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. <u>11/9/2000</u> Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated <u>3 December 1999</u>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission of final printed labels

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
				<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Mr. Marsha Gray	Title Registration Manager	Telephone No. (Include Area Code) (202) 783-2460	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Registration Manager		
4. Typed Name Rhonda M. Mannion	5. Date <u>29 September 2000</u>		

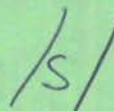
AUG 31 2000

Mr. Dennis P. Ward
Regulatory Affairs Manager
MONSANTO COMPANY, Lawn & Garden Products
600 13th Street N.W. Suite 660
Washington, D.C. 20005

Dear Mr. Ward:

The Agency has reviewed your application for an alternate confidential statement of formula (CSF) for **EPA Registration 71995-25**. The alternate CSF dated 7-21-00 is **acceptable**. A copy of the CSF will be added to the file for the subject product.

Sincerely,

A handwritten signature in blue ink, appearing to be 'S/H', is written over the typed name.

Sherada D. Hobgood
Minor Formulation Review Coordinator
Registration Division (7505C)



United States
Environmental Protection Agency
 Washington, DC 20460

☐ **Registration**
☒ **Amendment**
☐ **Other**

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 71995-25	2. EPA Product Manager James A. Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Roundup Weed & Grass Killer Super Concentrate	PM # 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company, Lawn & Garden Products 600 13 th St., N.W., Suite 660 Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Correction of error in Confidential Statement of Formula for the Basic Formulation. *Basic CSF dated 7/21/2000*

Minor Formulation Amendment per PR Notice 98-10. Request for approval of Alternate Formula "A" that allows for an increase in the level of [REDACTED]

Manufacturing process information may be entitled to confidential treatment

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
If "Yes" Unit Packaging wgt. No. per Container			If "Yes" Package wgt. No. per Container	<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Russell P. Schneider		Title Regulatory Affairs Director		Telephone No. (Include Area Code) (202) 283-2866	
<p>Certification</p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>					
2. Signature 		3. Title Regulatory Affairs Manager		6. Date Application Received (Stamped) [Stamp]	
4. Typed Name Dennis P. Ward		5. Date July 21, 2000			

MONSANTO

Food • Health • Hope



Dennis P. Ward, Ph.D.
Regulatory Affairs Manager
(636) 737-6631

MONSANTO COMPANY
700 CHESTERFIELD PARKWAY NORTH
ST. LOUIS, MISSOURI 63198
PHONE (314) 694-1000
<http://www.monsanto.com>

July 21, 2000

Document Processing Desk (AMEND)
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

Attn: James Tompkins, PM 25

Subj: Roundup® Weed & Grass Killer Super Concentrate, EPA Reg. No. 71995-25
Correction of CSF for Basic Formulation
Minor Formulation Amendment, Alternate 'A'

Dear Mr. Tompkins:

On December 3, 1999, the Agency granted registration for the product, Roundup® Weed & Grass Killer Super Concentrate (EPA Reg. No. 71995-25) and approved the Confidential Statement of Formula (CSF) for the Basic Formulation. In this application for amendment we wish to correct an error that appeared in the CSF for the Basic Formulation and we are seeking approval of Alternate Formulation 'A'.

In the previously submitted CSF for the Basic Formulation (MON 78112), the [REDACTED] product name for one of the surfactants was incorrectly stated as [REDACTED]. The appropriate product name for this ingredient is [REDACTED]. The chemical identity and amount of this ingredient used in the formulation are not changing.

Alternate Formulation 'A' (MON 78754) differs from the Basic Formulation in that the surfactant, [REDACTED] has been omitted. The amount of [REDACTED] to compensate for this omission. The level of [REDACTED]. Also a small quantity of [REDACTED].

Manufacturing process information may be entitled to confidential treatment

Inert ingredient information may be entitled to confidential treatment

Inert ingredient information may be entitled to confidential treatment

Manufacturing process information may be entitled to confidential treatment

07/21/2000

Page -2-

██████████ has been added. These very minor changes are not expected to have any impact on the toxicity or irritation potential of the product.

The following documents are enclosed with this letter:

- Application for Pesticide – Amendment (form 8570-1)
- Corrected CSF for Basic Formulation (2 copies)
- CSF for Alternate Formulation 'A' (2 copies)
- CSF for Basic Formulation approved on 12/3/99 (1 copy)

Should you require any additional information regarding this submission please feel free to contact Dr. Russell Schneider in our Washington Office (202-383-2866) or myself directly. Thank you.

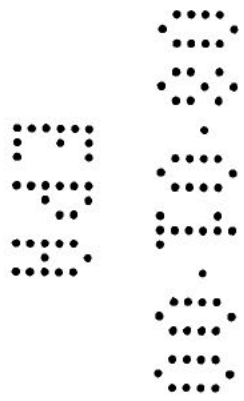
Sincerely,



Dennis P. Ward

Att.

cc: Russell Schneider / Monsanto



JUL 3 2000

Mr. Dennis P. Ward
Regulatory Affairs Manager
Lawn & Garden Products
MONSANTO
600 13th Street N.W. Suite 660
Washington, D.C. 20005

Dear Mr. Ward:

This is in response to your request dated May 3, 2000 to change the primary brand name for **EPA Registration 71995-25** from Roundup® Super Concentrate Weed & Grass Killer2 to:

Roundup®Weed & Grass Killer Supper Concentrate

Your request for the name change **is accepted** and the change will be made to the Agency's records. All future correspondence on this product should reference the new name.

Sincerely yours,

/s/

Sherada D. Hobgood
Notifications Review Coordinator
Registration Division (7505C)



United States
Environmental Protection Agency
 Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 71995-25	2. EPA Product Manager James A. Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Roundup Super Concentrate Weed & Grass Killer2	PM # 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company, Lawn & Garden Products 600 13 th St., N.W., Suite 660 Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of **change in primary brand name** to: "Roundup Weed & Grass Killer Super Concentrate".

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
Certification must be submitted If "Yes" Unit Packaging wgt. No. per Container		If "Yes" Package wgt. No. per Container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)					
Name Russell P. Schneider		Title Regulatory Affairs Director		Telephone No. (Include Area Code) (202) 383-2866	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 		3. Title Regulatory Affairs Manager			
4. Typed Name Dennis P. Ward		5. Date May 3, 2000			

MONSANTO

Food • Health • Hope



Dennis P. Ward, Ph.D.
Regulatory Affairs Manager
(636) 737-6631

MONSANTO COMPANY
700 CHESTERFIELD PKWY NORTH
CHESTERFIELD, MISSOURI 63198
<http://www.monsanto.com>

May 3, 2000

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

Attn: James Tompkins, PM 25

Subj: Notification of change in **Primary Brand Name**
Roundup® Super Concentrate Weed & Grass Killer2, EPA Reg. No. 71995-25

Dear Mr. Tompkins:

Please find attached our Notification for a change in the primary brand name assigned to EPA Reg. No. 71995-25. The new primary brand name for this product is:

"Roundup® Weed & Grass Killer Super Concentrate"

This brand name differs from all other names in our product portfolio.

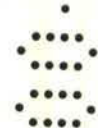
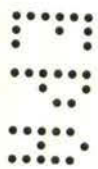
Should you require any additional information regarding this submission please feel free to contact Dr. Russell Schneider in our Washington Office (202-383-2866) or myself directly. Thank you.

Sincerely,

Dennis P. Ward

Att.

cc: Russell Schneider / Monsanto





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAY 25 2000

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Dennis P. Ward
Monsanto Company, Lawn & Garden Products
600 13th Street, N.W. Suite 660
Washington, DC 20005

Dear Mr. Ward:

Subject: Roundup Weed & Grass Killer Super Concentrate (Label in Response to PR Notice
2000-3)
EPA Registration No. 71995-25
Your Application Dated May 5, 2000

The labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, is acceptable provided you make the following change before you release the product for shipment.

--The statement "Reformulation or Repackaging For Sale Is Prohibited" must be deleted from the label or revised to read similar to "This is an end-use product. Monsanto does not intend and has not registered it for reformulation or repackaging."--

Please submit three (3) copies of your final printed labeling before you release the product for shipment. A stamped copy of labeling is enclosed for your records.

Sincerely,

James A. Tompkins
James A. Tompkins *for*
Product Manager 25
Herbicide Branch
Registration Division (7505C)

[Editorial Notes: Bracketed text [] is for internal use or serves as a 'place holder' for graphics. Parenthetical text () denotes optional wording.]

[Refer to APPENDIX 1 for consolidated list of label claims.]

[Refer to APPENDIX 2 for packaging related claims/instructions]

Roundup® Weed & Grass Killer Super Concentrate

Active Ingredient

Glyphosate, isopropylamine salt 50.2 %

Other Ingredients 49.8 %

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel booklet for additional precautionary statements.

(Read precautions and directions on back label.)

NET []

ACCEPTED

MAY 25 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 71995-25

Product Facts	
Treats up to xx sq ft (approx. size of XX tennis courts) [When calculating coverage, one gallon treats 300 sq ft and a tennis court is 2,106 sq ft.]	
KILLS WEEDS	[Illustrate grassy, broadleaf and woody weeds] ALL TYPES OF WEEDS & GRASSES
WHERE TO USE	<ul style="list-style-type: none"> • On patios, walkways, driveways, gravel or mulch beds • Around fruits, vegetables, flowers, shrubs or trees • Along fences • In large areas - For lawn replacement - For garden plot preparation
AMOUNT TO USE	For best results <ul style="list-style-type: none"> • 2½ fl oz (5 Tbs) per gallon of water (for established or tough weeds)
[phone icon] Questions, Comments or Medical Information call 1-800-225-2883 www.roundup.com (call 1-888-Roundup)	

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS	
[optional tank sprayer illustration]	
Tank Sprayer (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)	
<ul style="list-style-type: none"> • For easy to kill weeds such as seedlings, add 1½ fl oz (3 Tbs) to 1 gallon of water • (For tough established weeds / For best results,) add 2½ fl oz (5 Tbs) to 1 gallon of water • Spot treat or spray evenly over 300 sq ft. 	
[optional DNS illustration]	
Hose-End Sprayer	
For large areas consider using the Ortho Dial 'n Spray®	
<ul style="list-style-type: none"> • Set dial to 2½ oz. • To sprayer jar add 2½ fl oz (5 Tbs) for each 300 sq ft. DO NOT add water. • Spray evenly over measured area. • After spraying, unused product can be poured back into its original container. 	

1 Tablespoon (Tbs) = 3 teaspoons (tsp)

1 fl oz = 2 Tbs

Do not (mix, store or) apply with (in) a galvanized or unlined steel (except stainless steel) sprayer, or through any irrigation system.

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

HOW TO APPLY *[optional illustration]*

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a sheet (piece) of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

IMPORTANT

Do not spray plants or grasses you like - they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

WHEN TO APPLY *[optional illustration]*

- Apply when weeds are actively growing. Use anytime weeds and grasses are actively growing.
- For best results, apply during warm, sunny weather (above 60° F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- (RAIN-PROOF:) Rain or watering 2 hours after application will not wash away effectiveness.
- Apply when weeds are small and before seeds form. Established (Hard to kill) weeds may require a repeat application.

ADDITIONAL TIPS *[optional illustration]*

- **To Kill Vines**
 - If vines are growing up poles, fences, or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
 - If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a sheet (piece) of cardboard or plastic
- **To Kill Bamboo**
 - Cut canes close to the ground.
 - Make cut just below a stem joint to create a hollow stem reservoir.
 - Pour 1 Tbs of undiluted product into the hollow stem reservoir.

- Browning of the canes will occur in 7-14 days.
- Spray foliage if regrowth occurs.
- **To Kill Stumps**
 - Cut living stump close to ground.
 - Drive 4 to 5 holes into freshly cut stump.
 - Immediately pour undiluted product into holes.
- **For Lawn Replacement**

Use Roundup to kill a (an old) lawn and (its) weeds before planting (a) new lawn.

 - Skip one mowing before spraying.
 - Use 2½ fl oz (5 Tbs) per gallon of water for each 300 sq ft.
 - If soil is dry, water before application and 2 to 3 days after application.
 - If green patches remain after 7 days, reapply.
 - Wait 7 days after last application to rake, till or replant with seed or sod.

(Alternate text)

 - Wait 7 days for weeds and lawn to die. Repeat if necessary.
 - Rake or till to prepare area for planting seed or sod.
- **Kudzu**

For best results, apply in mid to late summer when vines are mature and actively growing.
- **Wild Blackberry**

Spray anytime plants are actively growing. Dead canes should be cut down and removed. Reapplication is often required to kill deep roots.
- **Poison Ivy & Poison Oak**

Contact with these plants anytime of the year can cause an allergic reaction. Spray anytime plants are actively growing, but at least 4 weeks before the first killing frost in the fall. Reapply, if new growth appears. Handle dead plants with rubber gloves. Dispose of plants and rubber gloves in tightly sealed garbage bags.
- **For Flowerbed & Garden Preparation**

Use Roundup to kill weeds, grasses and brush before planting flowers, fruits, vegetables or herbs.

 - If soil is dry, water before application and 2 to 3 days after application.
 - Apply evenly over treatment area.
 - Wait the number of days indicated below before planting.

WHEN TO REPLANT <i>[optional illustration]</i>

- All ornamental flowers, trees and shrubs and the following berries, fruits, vegetables and herbs may be planted **1 day** after application:
Artichoke (Jerusalem), beans (all), beet greens, blackberry, blueberry, boysenberry, broccoli, brussels sprouts, cabbage (all), carrot, cauliflower, celery, chard (Swiss),

chicory, collards, cranberry, currant, dewberry, elderberry, endive, gooseberry, horseradish, huckleberry, kale, kohlrabi, leek, lentils, lettuce, loganberry, mustard greens, okra, olallieberry, onion, parsley, parsnips, potato, radish, rape greens, raspberry (black and red), rhubarb, rutabaga, spinach, sweet potato, turnip and yams.

- The following fruits, vegetables and herbs may be planted **3 days after** application: Corn, cucumber, eggplant, garlic, gourds, melons (all), peas (all), peppers (all), pumpkin, squash (summer and winter), tomatillo, tomato (by seed) and watercress.
- Tomatoes from transplant and unlisted fruits, vegetables and herbs may be planted **30 days after** application.
- Lawn grasses may be planted **7 days after** application.

WHEN TO HARVEST *[optional illustration]*

If used to control weeds around fruits or nuts, allow the following number of days before harvesting:

- Citrus (citron, grapefruit, lemon, lime, mandarin, orange, tangelo and tangerine) – **1 day**.
- Nuts (almond, beechnut, cashew, chestnut, hazelnut, pecan, pistachio and walnut) – **3 days**.
- Apple, avocado, banana (plantains), berries (except cranberries), dates, figs, grapes, kiwi fruit, loquat, passion fruit, pear, persimmon, pomegranate and quince – **14 days**.
- Apricot, cherries, nectarine, olives, peach, plum and prunes – **17 days**.
- If used to control weeds around fruit or nut trees, caneberries or grapevines, allow 17 days before harvesting.

HOW IT WORKS *[optional illustration]*

Roundup enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found only in plants. Any product (Roundup) not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

KILLS ALL TYPES OF WEEDS & GRASSES *[optional illustration]*

Weeds (including): Artichoke thistle, beggarweed, black medic, blue mustard, blue toadflax, brassbuttons, broadleaf plantain, burclover, buttercup, Canada thistle, ~~cattail~~, chickweed, cocklebur, common groundsel, common mullein, common plantain, . . . common ragweed, creeping beggarweed, creeping-charlie, curly dock, dandelion, dog fennel, evening primrose, false dandelion, fiddleneck, field bindweed (wild . . . morningglory), field pennycress, filaree, Florida pusley, garden spurge, henbit, horsenettle, horseradish, horseweed/ marestalk, iceplant, knapweed, knotweed, lambsquarters, lantana, little bittercress, London rocket, mallow, mayweed, milkweed, mouseear chickweed, narrowleaf (buckhorn) plantain, nightshade (silverleaf),

oldenlandia, oxalis, Pennsylvania smartweed, pennywort, poison hemlock, prickly lettuce, primrose, prostrate spurge, puncturevine, ragweed, red clover, redroot pigweed, shepherdspurse, smooth catsear, smooth pigweed, sowthistle, spotted spurge, tansy ragwort, tansymustard, teaweed, trumpetcreeper, tumble mustard, Virginia creeper, white clover, whitetop, wild barley, wild mustard, wild oats, wild sweet potato, yellow starthistle, and other broadleaf weeds

Grasses (including): Annual bluegrass, annual ryegrass, bahiagrass, barnyardgrass, bentgrass, Bermudagrass, brome grass, Cogongrass, crabgrass, creeping bentgrass, dallisgrass, fall panicum, fescue, field sandbur, foxtail, goosegrass, guineagrass, Johnsongrass, Kentucky bluegrass, kikuyugrass, lovegrass, maidencane, nimblewill, nutsedge, orchardgrass, pampas grass, perennial ryegrass, purple nutsedge, quackgrass, sandspur, smooth brome grass, sprangletop, St. Augustinegrass, tall fescue, Texas panicum, Timothy, torpedograss, vaseygrass, witchgrass, yellow nutgrass, zoysia and other grassy weeds

Brush (Tough Weeds) Unwanted Tress, Shrubs & Vines (including):

Alder, ash, (quacking) aspen, bamboo, blackberry, bluegum eucalyptus, broom (French, Scotch), buckwheat, ceanothus, chamise, cherry, coyote brush, dewberry, elderberry, elm, eucalyptus, giant reed, hawthorn, hazel, honeysuckle, kudzu, locust, madrone, maple, oak, persimmon, poison oak, poison ivy, poplar, raspberry, sage, sagebrush, salmonberry, saltcedar, sassafras, sumac, sweetgum, tan oak, thimbleberry, tree tobacco, wild rose (multiflora) willow and other tough weeds

[re-entry icon] People and pets may enter treated area after spray has dried.

STORAGE AND DISPOSAL [trash can illustration]

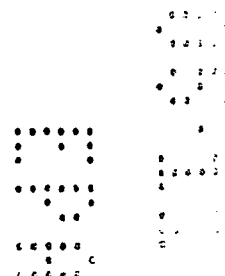
STORAGE: Store in original container in a safe place.

DISPOSAL: Empty Container: Put in trash. (Recycle where available.) **Partially Full Container:** Call your local waste disposal service. If local laws permit, put partially full container in trash. Never pour product down any drain.

PRECAUTIONARY STATEMENTS [optional illustration]

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.



FIRST AID	
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently for 15-20 minutes.• Remove contact lenses, if present, after first 5 minutes, then continue rinsing.• Call a poison control center (1-800-225-2883 or 1-888-768-6387 or 1-888-Roundup) or doctor for treatment advice.
Emergency Medical Information	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-800-225-2883 (1-888-768-6387 or 1-888-Roundup) for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

This product is protected by U.S. Patents No. 4,405,531 and No. 5,703,015. Other patents pending. No license granted under any non-U.S. patent(s).

REFORMULATION OR REPACKAGING FOR SALE IS PROHIBITED.

[phone icon] **Questions, Comments or Medical Information**
call 1-800-225-2883 www.roundup.com
(call 1-888-Roundup)

Roundup is a trademark of Monsanto Company

©[] MONSANTO COMPANY

Manufactured for
Monsanto Company, Lawn & Garden Products
P.O. Box 1750
Columbus, OH 43216
Form []
EPA Reg. No. 71995-25
EPA Est. 239-1A-3¹, 58996-MO-1^A
Superscript is first letter of lot number
Made in USA

APPENDIX 1 – Consolidated List of Label Claims

[Ordered alphabetically]

20% more concentrated
 20% stronger
 20% stronger to speed absorption to the root
 Absorbed into both broadleaf and grassy weeds
 Absorbs on contact, starts working immediately
 Also use for large jobs such as lawn renovation and vegetable and flower garden preparation
 Approved for most (many) lawn and garden uses.
 Before [weed graphics] / After [weed graphics]
 Begins absorbing on contact
 Can be used around (small) fruits and vegetables
 Can be used for habitat restoration, controlling exotic vegetation, and for site preparation of wildlife food plots.
 Can reseed or sod lawns 7 days after treatment
 Concentrated for extra value
 Covers up to 300 sq ft per gallon of spray

Dead Weeds Guaranteed
 Dead Weeds Guaranteed or Your Money Back
 Does not have soil activity
 Economical
 Economical concentrate formula
 Easy to apply with an Ortho Dial 'n Spray®, hose-end, tank or (hand held) trigger sprayer
 Even if it rains – Roundup won't lose its effectiveness
 Exclusive Roundup formula
 For control that doesn't (won't) wash away
 For general weed control - kills weeds and grasses in 2 to 4 weeks - roots and all
 Guaranteed same effective results even if it rains within hours
 Improved extra strength formula
 Improved formula, completely kills even the toughest weeds and grasses
 Improved formulation -now RainFast - fast uptake

Kills almost all (annual and perennial) weeds, grasses and other unwanted plants
 Kills existing weeds only, no residual activity in soil
 Kills more weeds in more places
 Kills over 100 weeds
 Kills the root so weeds don't come back
 Kills the roots of (both) broadleaf and grassy weeds
 Kills the weed you see and the root you don't
 Kills (to) the root
 Kills unwanted weeds and grasses, roots and all

Kills weeds in flowerbeds, around trees, shrubs and fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard.
Kills weeds, roots and all

Lawns and gardens can be reseeded or planted soon after treatment
Make only what you need
Multipurpose grass and broadleaf weed control
NEW!
No odor
No root. No weed. No problem.
NOW!
Now a shorter wait for replanting!
Once it enters the plant, it won't wash off
Ornamental gardens can be reseeded or planted 1 day after treatment.

RainFast in hours - enters the plant on contact
RAIN-PROOF™
RAIN-PROOF™ in two hours
(Roundup) Kills the weed you see and the root others leave behind
Roundup kills weeds and grasses in – Patios – Driveways – Sidewalks – Gardens and other non-lawn areas
Satisfaction guaranteed or we will gladly refund purchase price
Satisfaction guaranteed or your money back with proof of purchase
Speeds absorption to the root for complete kill
Spray weeds (Use) in flowerbeds, around trees, shrubs and around fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard
Starts working immediately
Stronger
Tougher formula
Transorb technology speeds Roundup to the root to kill even tough weeds

Ultra concentrated formula, 20% more weed killing power
Ultra formula
Use around fruits and vegetables.
(Use) For Bamboo Control
(Use) For Brush Control
(Use) For General Weed Control: Use along fences, paths, patios, sidewalks and driveways, around trees, shrubs, ornamental plantings, flowerbeds, and buildings, and in brick and gravel walkways. Use to trim and edge landscape areas
(Use) For Landscaping: Use to prepare areas for planting of ornamentals, trees, shrubs, desert landscapes, rock gardens, flowerbeds or similar plantings
Use for large jobs like garden plot preparation and lawn replacement (renovation)
(Use) For Lawn Renovation
(Use) For Spot Spraying: Use in and around flowerbeds, ornamental, fruit and nut trees, grapevines, shrubs, fences, driveways and walkways.

(Use) For Stumps

(Use) For Wildlife Areas: Use to prepare areas for planting wildlife food. Exotic or undesirable plants can be controlled to allow for planting or recovery of native plant species. Spot treatments can be made to selectively remove unwanted plants.

(Use in) Apply with a Big Shot™ Multi-Purpose Sprayer or other tank sprayer, Ortho Dial 'n Spray® or other hose-end sprayer, or a (hand held) trigger sprayer

Use to prepare sites: for large plantings, for planting flowerbeds, fruit trees, ornamentals, vegetables and gardens, and for renovating lawns

Use to refill Roundup Ready-To-Use containers

Visible effects are gradual wilting and yellowing advancing to complete browning and root destruction

Visible results in 2 to 4 days

Water based formula

Won't wash away

Won't wash off

Works first time, every time

Works only when absorbed by the foliage of weeds

[Promotional options]

Free [] with this purchase of Roundup concentrate quart

FREE REFILL

FREE SAMPLE

Free weed guide inside

SAMPLE NOT FOR SALE

Save up to \$[x] on (your) next purchase

APPENDIX 2 – Packaging Related Claims

NET xx fl oz (qt or gal) (xx mL or L)
 8 fl oz (237 mL)
 16 fl oz (1 pt) (473 mL)
 32 fl oz (1 qt) 946 mL)
 53 fl oz (0.42 gal) (1.5 L)
 128 fl oz (1 gal) (3.79 L)

[corner flap]

OPEN

Resealable Label for Directions & Precautions

PULL HERE TO OPEN LABEL

PEEL HERE

PEEL OPEN FOR USE DIRECTIONS AND FURTHER INFORMATION

PRESS TO RESEAL

[Net contents] Makes up to 'X' gallons

Makes between 'X' and 'Y' gallons

Mix with water to make 'X' gallons of spray solution

Covers up to 'Z' sq ft

Mix with water to cover up to 'Z' sq ft

[$X = \text{net contents} \div 1.5$]

[$Y = \text{net contents} \div 2.5$]

[$Z = X * 300$]

[Pint]

Makes up to 10 gallons

Makes between 6 – 10 gallons

Mix with water to make 10 gallons of spray solution

Covers up to 3,000 sq ft

Mix with water to cover up to 3,000 sq ft

[Quart]

Makes up to 21 gallons

Makes between 12 – 21 gallons

Mix with water to make 21 gallons of spray solution

Covers up to 6,300 sq ft

Mix with water to cover up to 6,300 sq ft

[0.42 Gallon] Makes up to 35 gallons

Makes between 21 – 35 gallons

Mix with water to make 35 gallons of spray solution

Covers up to 10,500 sq ft

Mix with water to cover up to 10,500 sq ft

[Gallon]

Makes up to 85 gallons

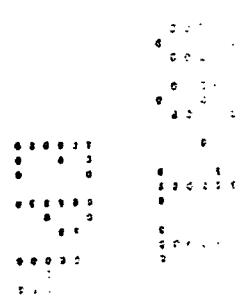
Makes between 51 – 85 gallons

Mix with water to 85 gallons of spray solution

Covers up to 25,500 sq ft

Mix with water to cover up to 25,500 sq ft

New! Larger size, covers up to ['Z'] sq ft





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☒ Amendment
☐ Other

OPP Identifier Number

264514

Application for Pesticide - Section I

1. Company/Product Number 71995-25	2. EPA Product Manager James A. Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Roundup Weed & Grass Killer Super Concentrate	PM # 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company, Lawn & Garden Products 600 13 th St., N.W., Suite 660 Washington, DC 20005 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name <u>S/15/2000</u>

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This amendment is being submitted in response to PR Notice 2000-3. Revisions to the lower dilution rate and product coverage claims have also been made.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per Container	If "Yes" Package wgt.	No. per Container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container Multiple sizes		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Russell P. Schneider	Title Regulatory Affairs Director	Telephone No. (Include Area Code) (202) 388-2866
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Affairs Manager	
4. Typed Name Dennis P. Ward	5. Date May 4, 2000	

A

MONSANTO

Food · Health · Hope



Dennis P. Ward, Ph.D.
Regulatory Affairs Manager
(636) 737-6631

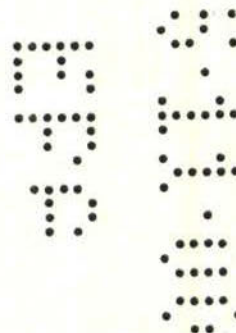
B

MONSANTO COMPANY

700 CHESTERFIELD PARKWAY NORTH
ST. LOUIS, MISSOURI 63198
PHONE (314) 694-1000
<http://www.monsanto.com>

May 4, 2000

Document Processing Desk (AMEND)
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202-4501



Attn: James Tompkins, PM 25

Subj: Application to amend labeling, EPA Reg. No. 71995-25

Dear Mr. Tompkins:

Find enclosed our application to amend the label for *Roundup® Weed & Grass Killer Super Concentrate* (EPA Reg. No. 71995-25). The product was registered in December of 1999 and will be commercialized later this year (*i.e.*, for the 2001 season).

This amended label incorporates revised First Aid statements in accordance with PR Notice 2000-3. It incorporates a change in dilution rate for 'easy to control weeds'. Previously, we recommended a dilution rate of 1 ounce of *Roundup Weed & Grass Killer Super Concentrate* per gallon of water. To improve product performance, this rate has been raised to 1.5 ounces per gallon. As a result of this dilution rate change, the product coverage claims in Appendix 2 have been adjusted. The higher rate (for tough established weeds) of 2.5 ounces per gallon has not been changed.

The following documents are enclosed with this letter:


- Application for Pesticide – Amendment (form 8570-1)
- One copy of an 'edited' label that clearly marks all revisions
- Four unmarked copies of the revised label

05/04/2000

Page -2-

Should you require any additional information regarding this submission please feel free to contact Dr. Russell Schneider in our Washington Office (202-383-2866) or myself directly. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Ward', with a large, stylized flourish extending to the right.

Dennis P. Ward

cc: Russell Schneider / Monsanto

189

file copy



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

71995-25

Date of Issuance:

DEC - 3 1999

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Roundup Super
Concentrate Weed &
Grass Killer2

Name and Address of Registrant (include ZIP Code):

Monsanto Company, Lawn and Garden Products
600 13 th Street, N.W. Suite 660
Washington, DC 20005

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5), 3(g) or 4 when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 71995-25" before you release the product for shipment.
3. Submit three (3) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of this product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

Date:

12-3-99

The Agency has recently revised its recommended First Aid statements for pesticide products and intends to issue a PR Notice announcing the changes in the near future. In the interim we are encouraging registrants to begin using the new statements. The new statements were developed as part of the Consumer Labeling Initiative in close cooperation with poison control center personnel and other medical experts. While it is not mandatory that you revise your label at this time, you are strongly encouraged to substitute the revised statements (below) for those statements currently on the label at your next label printing:

FIRST AID

If swallowed:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to by a poison control center or doctor.
If in eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.• Call a poison control center or doctor for treatment advice.
If on skin:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

[Editorial Notes: Bracketed text [] is for internal use or serves as a 'place holder' for graphics. Parenthetical text () denotes optional wording.]

[Refer to APPENDIX 1 for consolidated list of label claims.]

[Refer to APPENDIX 2 for packaging related claims/instructions]

Roundup® Super Concentrate Weed & Grass Killer₂

Active Ingredient

Glyphosate, isopropylamine salt 50.2 %

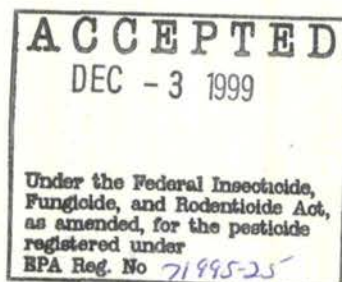
Other Ingredients 49.8 %

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel booklet for additional precautionary statements.

(Read precautions and directions on back label.)



Product Facts	
Treats up to [xx sq ft] (approx. size of XX tennis courts) [When calculating number of tennis courts, a tennis court is 2,106 sq ft.]	
KILLS WEEDS	[Illustrate grassy, broadleaf and woody weeds] ALL TYPES OF WEEDS & GRASSES
WHERE TO USE	<ul style="list-style-type: none"> • On patios, walkways, driveways, gravel or mulch beds • Around fruits, vegetables, flowers, shrubs or trees • Along fences • In large areas - For lawn replacement - For garden plot preparation
AMOUNT TO USE	For best results <ul style="list-style-type: none"> • 1 fl oz (2 Tbs) per gallon of water for easy to kill weeds, such as seedlings • 2½ fl oz (5 Tbs) per gallon of water for established or tough weeds
[phone icon] Questions, Comments or Medical Information call 1-800-225-2883 www.roundup.com (call 1-888-Roundup)	

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS

[optional tank sprayer illustration]

Tank Sprayer (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)

- For easy to kill weeds such as seedlings add 1 fl oz (2 Tbs) to 1 gallon of water
- For tough established weeds, add 2½ fl oz (5 Tbs) to 1 gallon of water
- Spot treat or spray evenly over 300 sq ft.

[optional DNS illustration]

Hose-End Sprayer

For large areas consider using the Ortho Dial 'n Spray®

- Set dial to 2½ oz.
- To sprayer jar add 2½ fl oz (5 Tbs) for each 300 sq ft. DO NOT add water.
- Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

1 Tablespoon (Tbs) = 3 teaspoons (tsp)

1 fl oz = 2 Tbs

Do not (mix, store or) apply with (in) a galvanized or unlined steel (except stainless steel) sprayer, or through any irrigation system.

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

HOW TO APPLY *[optional illustration]*

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a sheet (piece) of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

IMPORTANT

Do not spray plants or grasses you like - they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

WHEN TO APPLY *[optional illustration]*

- Apply when weeds are actively growing. Use anytime weeds and grasses are actively growing.
- For best results, apply during warm, sunny weather (above 60° F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- (RAIN-PROOF:) Rain or watering 2 hours after application will not wash away effectiveness.
- Apply when weeds are small and before seeds form. Established (Hard to kill) weeds may require a repeat application.

ADDITIONAL TIPS *[optional illustration]*

- **To Kill Vines**
 - If vines are growing up poles, fences, or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
 - If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a sheet (piece) of cardboard or plastic.
- **To Kill Bamboo**
 - Cut canes close to the ground.
 - Make cut just below a stem joint to create a hollow stem reservoir.
 - Pour 1 Tbs of undiluted product into the hollow stem reservoir.

- Browning of the canes will occur in 7-14 days.
- Spray foliage if regrowth occurs.
- **To Kill Stumps**
 - Cut living stump close to ground.
 - Drive 4 to 5 holes into freshly cut stump.
 - Immediately pour undiluted product into holes.
- **For Lawn Replacement**

Use Roundup to kill a (an old) lawn and (its) weeds before planting (a) new lawn.

 - Skip one mowing before spraying.
 - Use 2½ fl oz (5 Tbs) per gallon of water for each 300 sq ft.
 - If soil is dry, water before application and 2 to 3 days after application.
 - If green patches remain after 7 days, reapply.
 - Wait 7 days after last application to rake, till or replant with seed or sod.

(Alternate text)

 - Wait 7 days for weeds and lawn to die. Repeat if necessary.
 - Rake or till to prepare area for planting seed or sod.
- **Kudzu**

For best results, apply in mid to late summer when vines are mature and actively growing.
- **Wild Blackberry**

Spray anytime plants are actively growing. Dead canes should be cut down and removed. Reapplication is often required to kill deep roots.
- **Poison Ivy & Poison Oak**

Contact with these plants anytime of the year can cause an allergic reaction. Spray anytime plants are actively growing, but at least 4 weeks before the first killing frost in the fall. Reapply, if new growth appears. Handle dead plants with rubber gloves. Dispose of plants and rubber gloves in tightly sealed garbage bags.
- **For Flowerbed & Garden Preparation**

Use Roundup to kill weeds, grasses and brush before planting flowers, fruits, vegetables or herbs.

 - If soil is dry, water before application and 2 to 3 days after application.
 - Apply evenly over treatment area.
 - Wait the number of days indicated below before planting.

WHEN TO REPLANT <i>[optional illustration]</i>

- All ornamental flowers, trees and shrubs and the following berries, fruits, vegetables and herbs may be planted **1 day after** application:
 Artichoke (Jerusalem), beans (all), beet greens, blackberry, blueberry, boysenberry, broccoli, brussels sprouts, cabbage (all), carrot, cauliflower, celery, chard (Swiss),

chicory, collards, cranberry, currant, dewberry, elderberry, endive, gooseberry, horseradish, huckleberry, kale, kohlrabi, leek, lentils, lettuce, loganberry, mustard greens, okra, olallieberry, onion, parsley, parsnips, potato, radish, rape greens, raspberry (black and red), rhubarb, rutabaga, spinach, sweet potato, turnip and yams.

- The following fruits, vegetables and herbs may be planted **3 days after** application: Corn, cucumber, eggplant, garlic, gourds, melons (all), peas (all), peppers (all), pumpkin, squash (summer and winter), tomatillo, tomato (by seed) and watercress.
- Tomatoes from transplant and unlisted fruits, vegetables and herbs may be planted **30 days after** application.
- Lawn grasses may be planted **7 days after** application.

WHEN TO HARVEST *[optional illustration]*

If used to control weeds around fruits or nuts, allow the following number of days before harvesting:

- Citrus (citron, grapefruit, lemon, lime, mandarin, orange, tangelo and tangerine) – **1 day.**
- Nuts (almond, beechnut, cashew, chestnut, hazelnut, pecan, pistachio and walnut) – **3 days.**
- Apple, avocado, banana (plantains), berries (except cranberries), dates, figs, grapes, kiwi fruit, loquat, passion fruit, pear, persimmon, pomegranate and quince – **14 days.**
- Apricot, cherries, nectarine, olives, peach, plum and prunes – **17 days.**
- If used to control weeds around fruit or nut trees, caneberries or grapevines, allow 17 days before harvesting.

HOW IT WORKS *[optional illustration]*

Roundup enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found only in plants. Any product (Roundup) not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

KILLS ALL TYPES OF WEEDS & GRASSES *[optional illustration]*

Weeds (including): Artichoke thistle, beggarweed, black medic, blue mustard, blue toadflax, brassbuttons, broadleaf plantain, burclover, buttercup, Canada thistle, cattail, chickweed, cocklebur, common groundsel, common mullein, common plantain, common ragweed, creeping beggarweed, creeping-charlie, curly dock, dandelion, dog fennel, evening primrose, false dandelion, fiddleneck, field bindweed, (wild morningglory), field pennycress, filaree, Florida pusley, garden spurge, henbit, horsetail, horseradish, horseweed/ maretail, iceplant, knapweed, knotweed, lambsquarters, lantana, little bittercress, London rocket, mallow, mayweed, milkweed, mouseear chickweed, narrowleaf (buckhorn) plantain, nightshade (silverleaf), oldenlandia, oxalis, Pennsylvania smartweed, pennywort, poison hemlock, prickly.

lettuce, primrose, prostrate spurge, puncturevine, ragweed, red clover, redroot pigweed, shepherdspurge, smooth catsear, smooth pigweed, sowthistle, spotted spurge, tansy ragwort, tansymustard, teaweed, trumpetcreeper, tumble mustard, Virginia creeper, white clover, whitetop, wild barley, wild mustard, wild oats, wild sweet potato, yellow starthistle, and other broadleaf weeds

Grasses (including): Annual bluegrass, annual ryegrass, bahiagrass, barnyardgrass, bentgrass, Bermudagrass, brome grass, Cogongrass, crabgrass, creeping bentgrass, dallisgrass, fall panicum, fescue, field sandbur, foxtail, goosegrass, guineagrass, Johnsongrass, Kentucky bluegrass, kikuyugrass, lovegrass, maidencane, nimblewill, nutsedge, orchardgrass, pampas grass, perennial ryegrass, purple nutsedge, quackgrass, sandspur, smooth brome grass, sprangletop, St. Augustinegrass, tall fescue, Texas panicum, Timothy, torpedograss, vaseygrass, witchgrass, yellow nutgrass, zoysia and other grassy weeds

Brush (Tough Weeds) Unwanted Tress, Shrubs & Vines (including):

Alder, ash, (quacking) aspen, bamboo, blackberry, bluegum eucalyptus, broom (French, Scotch), buckwheat, ceanothus, chamise, cherry, coyote brush, dewberry, elderberry, elm, eucalyptus, giant reed, hawthorn, hazel, honeysuckle, kudzu, locust, madrone, maple, oak, persimmon, poison oak, poison ivy, poplar, raspberry, sage, sagebrush, salmonberry, saltcedar, sassafras, sumac, sweetgum, tan oak, thimbleberry, tree tobacco, wild rose (multiflora) willow and other tough weeds

[reentry icon] People and pets may enter treated area after spray has dried.

STORAGE AND DISPOSAL [trash can illustration]

STORAGE: Store in original container in a safe place.

DISPOSAL: Empty Container: Put in trash. (Recycle where available.) **Partially Full Container:** Call your local waste disposal service. If local laws permit, put partially full container in trash. Never pour product down any drain.

PRECAUTIONARY STATEMENTS [optional illustration]

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

FIRST AID: IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists. **Note to Physicians:** Emergency Information call 1-800-225-2883 (or 1-888-768-6387).

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with

directions.

This product is protected by U.S. Patents No. 4,405,531 and No. 5,703,015. Other patents pending. No license granted under any non-U.S. patent(s).

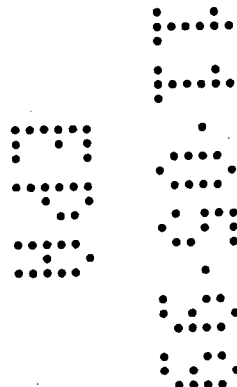
REFORMULATION OR REPACKAGING FOR SALE IS PROHIBITED.

<p>[<i>phone icon</i>] Questions, Comments or Medical Information call 1-800-225-2883 www.roundup.com (call 1-888-Roundup)</p>

Roundup is a trademark of Monsanto Company

©[] MONSANTO COMPANY

Manufactured for
Monsanto Company, Lawn & Garden Products
P.O. Box 1750
Columbus, OH 43216
Form [xxx]
EPA Reg. No. 71995-[xxx]
EPA Est. 239-1A-3¹, 58996-MO-1^A
Superscript is first letter of lot number
Made in USA



APPENDIX 1 – Consolidated List of Label Claims

NEW!

NOW!

Tougher formula

20% more concentrated

Stronger

20% stronger

20% stronger to speed absorption to the root

Ultra concentrated formula, 20% more weed killing power

Makes 50% more than before

Economical concentrate formula

Improved extra strength formula

Economical

Concentrated for extra value

More concentrated formula – use less – makes more

More concentrated formula – makes 50% more than before

Ultra formula

Exclusive Roundup formula

Improved formula, completely kills even the toughest weeds and grasses

No odor

Water based formula

RAIN-PROOF™

RAIN-PROOF™ in two hours

Even if it rains – Roundup won't lose its effectiveness

For control that doesn't (won't) wash away

RainFast in hours - enters the plant on contact

Improved formulation -now RainFast - fast uptake

Starts working immediately

Guaranteed same effective results even if it rains within hours

Won't wash off

Won't wash away

Once it enters the plant, it won't wash off

Transorb technology speeds Roundup to the root to kill even tough weeds

Begins absorbing on contact

Speeds absorption to the root for complete kill.

Absorbs on contact, starts working immediately

Absorbed into both broadleaf and grassy weeds

Works only when absorbed by the foliage of weeds

Visible results in 2 to 4 days

Visible effects are gradual wilting and yellowing advancing to complete browning and root destruction.

Before [weed graphics] / After [weed graphics]

Kills unwanted weeds and grasses, roots and all

Kills more weeds in more places.

Kills (to) the root

Kills weeds, roots and all

Kills the weed you see and the root you don't

Kills the roots of (both) broadleaf and grassy weeds

Kills existing weeds only, no residual activity in soil

Roundup kills weeds and grasses in – Patios – Driveways – Sidewalks – Gardens and other non-lawn areas.

Kills weeds in flowerbeds, around trees, shrubs and fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard.

(Roundup) Kills the weed you see and the root others leave behind

Kills the root so weeds don't come back

No root. No weed. No problem.

Kills over 100 weeds

For general weed control - kills weeds and grasses in 2 to 4 weeks - roots and all

Kills almost all (annual and perennial) weeds, grasses and other unwanted plants

Approved for most (many) lawn and garden uses.

Multipurpose grass and broadleaf weed control

Does not have soil activity

Now a shorter wait for replanting!

Use for large jobs like garden plot preparation and lawn replacement (renovation)

Use to prepare sites: for large plantings, for planting flowerbeds, fruit trees, ornamentals, vegetables and gardens, and for renovating lawns

Can be used for habitat restoration, controlling exotic vegetation, and for site preparation of wildlife food plots.

Use around fruits and vegetables.

Can be used around (small) fruits and vegetables.

Spray weeds (Use) in flowerbeds, around trees, shrubs and around fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard.

Also use for large jobs such as lawn renovation and vegetable and flower garden preparation.

Can reseed or sod lawns 7 days after treatment.

Lawns and gardens can be reseeded or planted soon after treatment.

Ornamental gardens can be reseeded or planted 1 day after treatment.

(Use) For General Weed Control: Use along fences, paths, patios, sidewalks and driveways, around trees, shrubs, ornamental plantings, flowerbeds, and buildings, and in brick and gravel walkways. Use to trim and edge landscape areas.

(Use) For Spot Spraying: Use in and around flowerbeds, ornamental, fruit and nut trees, grapevines, shrubs, fences, driveways and walkways.

(Use) For Landscaping: Use to prepare areas for planting of ornamentals, trees, shrubs, desert landscapes, rock gardens, flowerbeds or similar plantings.

(Use) For Wildlife Areas: Use to prepare areas for planting wildlife food. Exotic or undesirable plants can be controlled to allow for planting or recovery of native plant species. Spot treatments can be made to selectively remove unwanted plants.

(Use) For Lawn Renovation

(Use) For Brush Control

(Use) For Bamboo Control

(Use) For Stumps

Covers up to 300 sq ft per gallon of spray

Make only what you need

(Use in) Apply with a Big Shot™ Multi-Purpose Sprayer or other tank sprayer, Ortho Dial 'n Spray® or other hose-end sprayer, or a (hand held) trigger sprayer

Easy to apply with an Ortho Dial 'n Spray®, hose-end, tank or (hand held) trigger sprayer

Use to refill Roundup Ready-To-Use containers

Works first time, every time

Satisfaction guaranteed or your money back with proof of purchase

Satisfaction guaranteed or we will gladly refund purchase price

Dead Weeds Guaranteed

Dead Weeds Guaranteed or Your Money Back

[Promotional options]

Save up to \$[x] on (your) next purchase

Free weed guide inside

Free [] with this purchase of Roundup concentrate quart

FREE REFILL

FREE SAMPLE

SAMPLE NOT FOR SALE

APPENDIX 2 – Packaging Related Claims

NET 8 fl oz (237 mL)
16 fl oz (1 pt) (473 mL)
32 fl oz (1 qt) 946 mL
128 fl oz (1 gal) (3.79 L)

[corner flap]

OPEN

Resealable Label for Directions & Precautions

PULL HERE TO OPEN LABEL

PEEL HERE

PEEL OPEN FOR USE DIRECTIONS AND FURTHER INFORMATION

PRESS TO RESEAL

[Pint]

Now makes 16 gallons

Mix with water to make 16 gallons of spray solution

Covers up to 4,800 sq ft

Mix with water to cover up to 4,800 sq ft

[Quart]

Now makes 32 gallons

Mix with water to make 32 gallons of spray solution

Covers up to 9,600 sq ft

Mix with water to cover up to 9,600 sq ft

[Gallon]

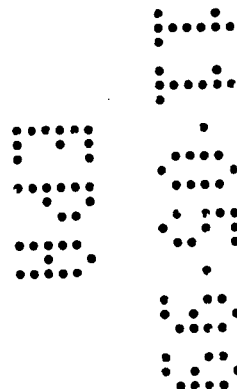
Now makes 128 gallons

Mix with water to 128 gallons of spray solution

Covers up to 38,400 sq ft

Mix with water to cover up to 38,400 sq ft

New! Larger size, covers up to [xx] sq ft



SUBMISSION REVIEW RECORD			REGISTRATION NUMBER				CYCLE 2		DATE RECEIVED		
3. 30-D PUBLICATION NECESSARY <input type="checkbox"/> YES <input type="checkbox"/> NO			4. PETITION NO. (25)				5. RECEIVED PM TEAM NO DAY YR 11 05 99				
6. METHOD OF SUPPORT <input type="checkbox"/> 2A <input type="checkbox"/> 2B <input type="checkbox"/> 2C			7. PRODUCT MANAGER				8. PROJECTED RETURN NO DAY YR				
9. DATE PULLED 11/30/99		10. DATE PUBLISHED		11. ACTION TYPE New Glyphosate similar to 524-512. 160				12. OUTGOING DATE NO DAY YR			
HLV SEQ.	REVIEW TYPE CODE	REVIEW TYPE	REVIEWER CODE (Initials)	SIGNATURE OF REVIEWER	COM. MENT CODE	DATE REVIEW COMPLETED					
						MO	DAY	YR			
	A	REVIEWABILITY TEAM									
	B	PRODUCT MANAGER TEAM EFFICACY REVIEW									
	C	PRODUCT MANAGER TEAM HUMAN SAFETY REVIEW									
	D	PRODUCT MANAGER TEAM ENVIRONMENTAL SAFETY REVIEW									
	E	PRODUCT MANAGER TEAM RESUBMISSION REVIEW									
	F	PRODUCT MANAGER		UKW NAC		11	3	09			
	G	INTERAGENCY REFERRAL		CSF name as 524-512							
	H	COST-BENEFIT REVIEW		except for no blue dye							
	I	PUBLIC COMMENTS REVIEW									
	J	EEE BRANCH INSECTICIDE EFFICACY									
	K	EEE BRANCH HERBICIDE EFFICACY									
	L	EEE BRANCH FUNGICIDE EFFICACY									
	M	EEE BRANCH RODENTICIDE EFFICACY									
	N	EEE BRANCH DISINFECTANT EFFICACY									
	O	CHEMISTRY BRANCH RESIDUE CHEMISTRY									
	P	EEE BRANCH ENVIRONMENTAL CHEMISTRY									
	Q	TOXICOLOGY BRANCH HUMAN SAFETY									
	R	EEE BRANCH ENVIRONMENTAL SAFETY									
	S										
	T										
PRODUCT MANAGER SIGNATURE				TYPE OF RESPONSE				CODE			



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

11/10/99

RUSSELL P. SCHNEIDER
MONSANTO
600 13TH ST.NW, SUITE 660
WASHINGTON DC 20005

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

PRODUCT NAME: ROUNDUP SUPER CONCENTRATE WEED & GRASS KILLER
COMPANY NAME: MONSANTO
OPP IDENTIFICATION NUMBER: 267188
EPA FILE SYMBOL: 71995-EL
EPA RECEIPT DATE: 11/05/99

SUBJECT: RECEIPT OF APPLICATION FOR A NEW ME-TOO REGISTRATION

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for a new 'me-too' registration and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Jim Tompkins, Product Manager 25, at (703)-305-5697.

Sincerely,

A handwritten signature in cursive script, appearing to read "J. White".

Front End Processing Staff
Information Services Branch
Information Resources and Services Division

FK

B

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval Expires 2-28-95



United States
Environmental Protection Agency
 Washington, DC 20460

☒ **Registration**
☐ **Amendment**
☐ **Other**

OPP Identifier Number

267188

Application for Pesticide - Section I

1. Company/Product Number 71995-EL	2. EPA Product Manager James A. Tompkins ✓	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Roundup Super Concentrate Weed & Grass Killer2	PM # 25 ✓	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company, Lawn & Garden Products 600 13 th St., N.W., Suite 660 Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 524-512 Product Name MON 78112 Herbicide	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input checked="" type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This is an application for registration of an end-use formulation for the lawn and garden market. This product contains 50.2% isopropylamine salt of glyphosate as the active ingredient. It is identical in composition and similar in labeled uses to a recently registered end-use formulation, MON 78112 Herbicide.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per Container	If "Yes" Package wgt.	No. per Container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container Multiple sizes		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input checked="" type="checkbox"/> Other Pressure sensitive			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Russell P. Schneider	Title Regulatory Affairs Director	Telephone (Include Area Code) (202) 383-2866
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Affairs Manager	
4. Typed Name Dennis P. Ward	5. Date November 3, 1999	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the completed form to this address.

Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number Monsanto Company 600 13th Street, N.W., Suite 660 Washington, DC 20005 (202)783-2460	EPA Registration Number/File Symbol 71995-
Active Ingredient(s) and/or representative test compound(s) Glyphosate, isopropylamine salt CAS# 38641-94-0	Date November 3, 1999
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Terrestrial (food/nonfood), Domestic Outdoor	Product Name Roundup Super Concentrate Weed & Grass Killer2

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☐ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

☒ I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature 	Date 3 Nov 99	Typed or Printed Name and Title Dennis P. Ward Regulatory Affairs Manager
---------------	------------------	---------------------------------------------------------------------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.

WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX

Date	November 3, 1999	EPA Reg No./File Symbol	71995- EL	Page	3 of 4
Applicant's/Registrant's Name & Address	Monsanto Company 600 13th Street, N.W., Suite 660 Washington, DC 20005 (202)783-2460				
Ingredient	Glyphosate, isopropylamine salt CAS# 38641-94-0				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-5	Primary Dermal Irritation Study in Rabbits with MON 78293	44809006	Monsanto	OWN	
81-6	A Dermal Sensitization Study in Guinea Pigs with MON 78293; Modified Buehler Design	44809007	Monsanto	OWN	
USE					
USE					
Signature	Name and Title Dennis P. Ward Regulatory Affairs Manager		Date 3/26/99		



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reviewing the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	November 3, 1999	EPA Reg No./File Symbol	71995-	Page	1 of 4
Applicant's/Registrant's Name & Address	Monsanto Company 600 13th Street, N.W., Suite 660 Washington, DC 20005 (202)783-2460	Product	Roundup Super Concentrate Weed & Grass Killer ²		
Ingredient	Glyphosate, isopropylamine salt CAS# 38641-94-0				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 61, 62 and 63	Product Chemistry Data to Support the Registration of MON 78112 Herbicide	44809001	Monsanto	OWN	
81-1	Acute Oral Toxicity Study in Rats with MON 78293	44809002	Monsanto	OWN	
81-2	Acute Dermal Toxicity Study in Rats with MON 78293	44809003	Monsanto	OWN	
81-3	Acute Inhalation Study of MON 78293 in Rats	44809004	Monsanto	OWN	
81-4	Primary Eye Irritation Study in Rabbits with MON 78293	44809005	Monsanto	OWN	
208	Signature		Name and Title Dennis P. Ward Regulatory Affairs Manager		Date 3/10/99

TRANSMITTAL DOCUMENT

SUBMITTED BY

Monsanto Company
Lawn & Garden Products
600 13th St., N.W., Suite 660
Washington, DC 20005

REGULATORY ACTION IN SUPPORT OF WHICH THIS PACKAGE IS SUBMITTED

Application for Registration of *Roundup® Super Concentrate Weed & Grass Killer₂*
(EPA Registration Number 71995-*EL*)

TRANSMITTAL DATE

November 3, 1999

LIST OF SUBMITTED INFORMATION:

Volume 1 (1 unbound copy)

Administrative Materials in Support of Application for
Registration of *Roundup® Super Concentrate Weed &
Grass Killer₂*

COMPANY OFFICIAL:



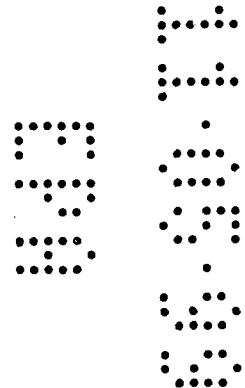
Dennis P. Ward
Regulatory Affairs Manager

COMPANY NAME:

Monsanto Company

COMPANY CONTACT:

Russell P. Schneider, (202) 383-2866



VOLUME 1

Administrative Materials in Support of Application for Registration of
Roundup® Super Concentrate Weed & Grass Killer₂

SUBMITTED BY

Monsanto Company
Lawn & Garden Products
600 13th St., N.W., Suite 660
Washington, DC 20005

SUBMISSION DATE

November 3, 1999

CONTENTS OF VOLUME 1:

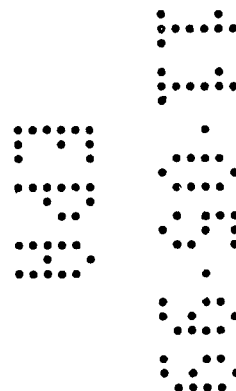
Application for Pesticide Registration (EPA Form 8570-1)

Confidential Statement of Formula (EPA Form 8570-4)

Draft Labeling (5 copies)

Certification with Respect to Citation of Data (EPA Form 8570-34)

Data Matrix (EPA Form 8570-35)



F/K

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B

Dennis P. Ward, Ph.D.
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November 3, 1999

Document Processing Desk (APPL)
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
401 M Street, S.W.
Washington, DC 20460

Attn: James A. Tompkins
Team Leader 25

Subj: **Application for Registration of an End-Use Formulation**
Roundup® Super Concentrate Weed & Grass Killer2 (EPA Reg. No. 71995-^{EL}~~xx~~)

Dear Mr. Tompkins:

Monsanto herein submits an application for registration of a pesticide end-use formulation identified as *Roundup® Super Concentrate Weed & Grass Killer2*. This product is a broad spectrum herbicide for use in the lawn and garden market that contains the isopropylamine salt of glyphosate as an active ingredient. Since this formulation is identical in composition and has similar labeled uses to an existing registered product we are requesting an **Expedited Review**.

This application is comprised of the Transmittal Document and one volume of supporting information. In conformance with the instructions provided in the 1992 'Blue Book', one unbound copy of the administrative materials (Volume 1) is attached. No studies are being submitted.

Volume 1 contains the following administrative materials:

- Application for Pesticide Registration (EPA Form 8570-1)
- Confidential Statement of Formula (EPA Form 8570-4)
- Draft Labeling (5 copies)
- Certification with Respect to Citation of Data (EPA Form 8570-34)
- Data Matrix (EPA Form 8570-35)

Roundup Super Concentrate Weed & Grass Killer2 is a water-based formulation containing 50.2% glyphosate-isopropylamine. It is identical in composition to another Monsanto product, MON 78112 Herbicide, which bears EPA Reg. No. 524-512. Therefore, we are referencing the

11/03/1999

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studies that were previously submitted to the Agency for registration of MON 78112 Herbicide. These studies with MRID numbers are listed in the attached Data Matrix.

Both the registration of MON 78112 Herbicide and this application for registration are supported by acute toxicity and irritation studies conducted with the formulation, MON 78293. This formulation is 7.6% more concentrated than MON 78112. We believe these differences in concentration would be toxicologically insignificant. In fact, the reduction in concentration of ingredients for MON 78112 would serve to dilute its toxicity and irritation potential. Thus, we believe it is valid to reference these studies.

Label toxicity categories assigned to the studies supporting registration 524-512 are as follows:

Acute Oral Tox	- IV	Ocular Irritation	- III
Acute Dermal Tox	- IV	Skin Irritation	- IV
Acute Inhalation Tox	- IV	Dermal Sensitization	- Negative

Draft labeling submitted in support of this application for registration of *Roundup Super Concentrate Weed & Grass Killer2* carries a CAUTION signal word and precautionary language for eye irritation.

Should any questions arise during the Agency's evaluation of this application please feel free to contact Dr. Russell Schneider at our Washington DC office (202-383-2866) or myself directly. Thank you.

Sincerely,



Dennis P. Ward

Attachments

cc: R. P. Schneider (Monsanto/Wash Office)

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